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49TH.  
YEAR

# OLDS

INDEXED

67.57  
**SEED BOOK 1936**

"TELLS THE TRUTH"

JAN 31 1936

S. Department of Agriculture

## *Four New Petunias*

OF OUTSTANDING  
BEAUTY

1. DAINY LADY
2. MARTHA WASHINGTON
3. ROSE GEM
4. FLAMING VELVET  
(See Page 2)

**L.L. OLDS SEED CO.** MADISON, WISCONSIN

FIELD and GARDEN  
SEEDS

BULBS • PLANTS • SEED  
POTATOES • GARDEN  
TOOLS • DOWNY MILDEW





## OLDS' LAWN GRASS

Good seed is the first requisite for a beautiful lawn. Regardless of the effort and money spent on a lawn, inferior seed will make an inferior lawn. Olds' Lawn Grass seed has won a reputation for producing fine lawns. Critical landscape gardeners use our mixtures. Why? Because all our mixtures are made of high-quality seed. Heavy seed is used that is free from chaff and none of our mixtures contain timothy or cheap seeds.

**Culture:** Early spring and early fall is the best time to make new lawns and to improve old ones. The first thing to consider in starting a lawn is the proper preparation of the soil. The soil should be smooth and the seed bed should be level or graded and made smooth. Practically all soils need organic matter. If your soil is heavy clay or loose sand, use our peat moss. This is listed on page 92. It will hold the moisture which is so necessary in producing good grass and will break up and make heavy clay soil loose. Alfalfa meal, which is primarily used for feed, is also very fine to use. Decaying alfalfa meal will also produce some fertilizer in the soil.

To insure an early start and to protect lawns from failure by starvation, apply four pounds of Vigoro to each 100 square feet and work it into the soil, or soak it in before applying lawn seed. The Vigoro spreaders described on page 92 sow grass seed and fertilizer evenly and accurately. See page 92 for Vigoro.

After the seed bed is prepared, sow lawn grass seed at the rate of five pounds per 1,000 square feet. In re-seeding old lawns, sow three pounds for the same area. If your lawn is very shady, use our Wisconsin Shady Place lawn grass. If the lawn will be sunny part of the day, we would recommend Madison Parks lawn grass seed. Rolling the lawn immediately after seeding presses the seed into the soil hastening germination.

**MOWING THE LAWN:** Improper mowing will injure your lawn. We advise not cutting the grass shorter than 1½ inches. Cutting to this length will require more frequent mowings. We advise leaving the grass about three inches long in the fall to leave for a winter cover.

If you sprinkle your lawn, be sure to soak it thoroughly in the evening. Just wetting the soil is sure to cause injury to the lawn.

## MADISON PARKS LAWN GRASS

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Rough Stalked Meadow, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportion. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 40c; 3 lbs., 95c. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$26.00.

## WISCONSIN SHADY MIXTURE

A new mixture recommended by Prof. Aust. Rough Stalked Meadow, a fine grass that has proven wonderfully successful in dense shade, is very largely used in this mixture. This mixture also contains other high priced grasses that are specially adapted to shaded locations. There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this.

By mail: Lb., 45c; 3 lbs., \$1.10. By freight: Lb., 40c; 5 lbs., \$1.80; 10 lbs., \$3.50; 100 lbs., \$31.00.

## CAPITAL LAWN GRASS

Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent Capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

By mail: Lb., 35c; 3 lbs., 80c. By freight: Lb., 30c; 5 lbs., \$1.30; 10 lbs., \$2.50; 100 lbs., \$21.00.

## LAKES' LAWN GRASS

A good mixture at a low price. We have been making it for years and it has given general satisfaction. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.20; 100 lbs., \$18.00.



# These Flower Seeds are yours FREE

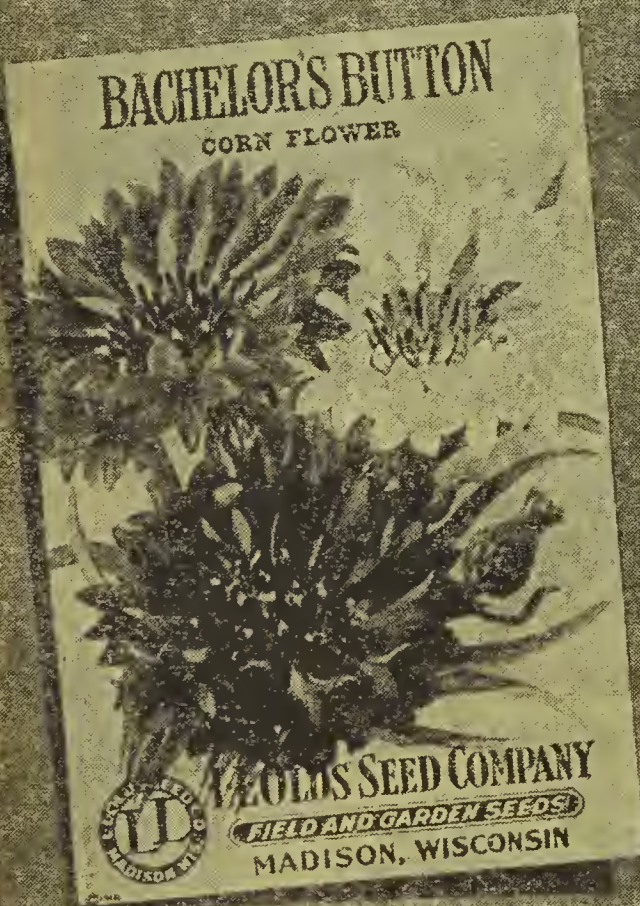


**OFFER NO. I.** With every order for Vegetable or Flower Seeds received before March 25th, amounting to \$1.00, not including Collections or Field Seeds, we will include absolutely free upon request these five easily grown, free-flowering annuals. All varieties are fully described in the flower seed section of the catalog.

860—Balsam. Camellia Mixed.  
855—Bachelor's Button. Mixed.  
1120—Poppy. Mixed.  
1180—Sunflower. Double Mixed.  
975—Four O'Clocks. Mixed.

**OFFER NO. II.** For a \$2.00 Vegetable or Flower Seed order received before March 25th, not including collections, we will include upon request, Offer No. I and furnish you 50c worth of Flower Seeds in packets of your own choice. Just add them to your regular order as Premium Seeds.

**PLEASE NOTE**—See next page for additional offers. Choose one Premium Offer only on your order.

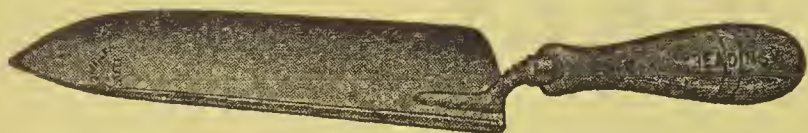




# VALUABLE PREMIUMS FREE WITH EARLY GARDEN SEED ORDERS

We welcome early orders as this gives us a chance to take care of them before our heavy rush begins and before our stocks become depleted. These premiums are offered as an inducement to you to send us your order early. Take advantage of our premium offers and send us your order so as to reach us before March 25th. After that date, no premiums will be given.

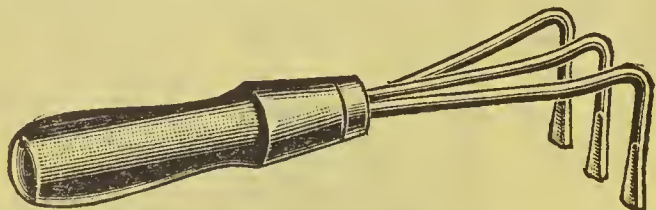
We will send absolutely free, on request, one of the following premiums with your order for Garden Seeds, Vegetable and Flower, except Collections, the order to reach us before March 25th. These offers are not to apply to orders for Field Seeds, Plants, Bulbs, Tools, Fertilizers, Poultry Supplies and other Side Lines.



## TRANSPLANTING TROWEL.

Bright steel 6-inch blade, forged steel shank. Highly polished handle with a nickel plated ferrule.

(Free with a Garden Seed order amounting to \$1.50.)



## SPRING-TOOTH WEED-EZ.

Eight and one-half inches long, red enameled handle. A wonderfully useful tool for hand weeding.

(Free with a Garden Seed order amounting to \$2.00.)

## RED ARROW SPRAY.

Every gardener should have a bottle of this spray handy. Very effective in controlling plant lice, red spider, mealy bug, etc. Absolutely non-poisonous to pets and human beings. Easily applied, simply mix with water. One ounce bottle will make eight gallons of spray. One-ounce size.

(Free with a Garden Seed order amounting to \$2.00.)

## GRASS HOOK.

A handy tool for cutting tall grass under shrubbery and places impossible to cut with a mower. (Free with a Garden Seed order amounting to \$5.00.)



## GATOR HIDE MULCH PAPER.

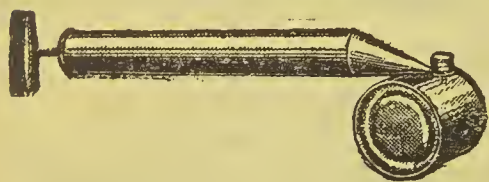
By using this paper, cultivation is eliminated. It holds the moisture in the soil. Just place this paper between the rows. Fine for strawberry beds and all garden crops. Width, 36 inches. Type B, extra heavy.

(Free, one large roll (150 yds.) with a Garden Seed order amounting to \$25.00.)

# FREE WITH EARLY FIELD SEED ORDERS

We will send ONE of the following premiums, on request, with your order from the catalog, for Field Seeds as well as Garden Seeds, the order to reach us before March 25th.

## HUDSON SPRAYER.



A general purpose quart sprayer for the farm, dairy, poultry house and house. For fly sprays and disinfectants of all kinds.

(Free with an order amounting to \$5.00.)

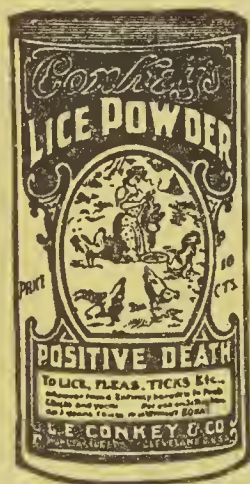
## CONKEY'S POULTRY TONIC.

A fine tonic for conditioning birds. Just mix it at the rate of 2½ lbs. to 3 lbs. to every 50 pounds of mash. 3-lb. size. (Free with an order amounting to \$15.00.)



## PRATT'S POULTRY AND STOCK DISINFECTANT.

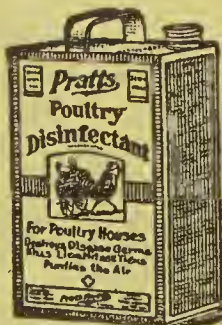
A highly superior germ destroyer and deodorant for the farm. Checks contagion, destroys many disease germs and counteracts unpleasant odors, and helps maintain sanitary conditions for horses, cattle, sheep and poultry. Pint size. (Free with every order amounting to \$15.00.)



## CONKEY'S LICE POWDER.

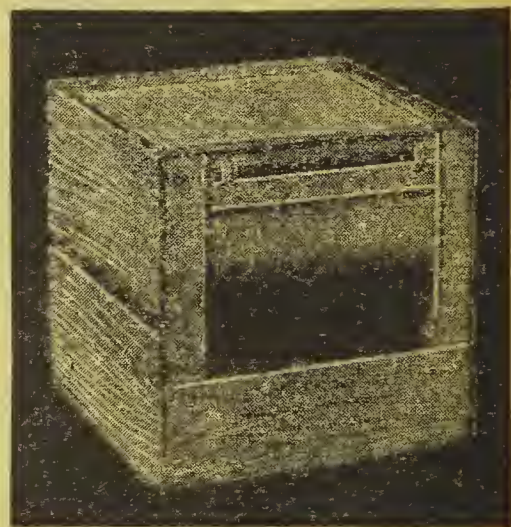
Three-pound size. Used for delousing stock and poultry. Always in demand around the farm.

(Free with an order amounting to \$10.00.)



## MCCANDLISH CHICK FEEDER.

Also used for drinking. Made of galvanized iron. (Free with an order amounting to \$10.00.)



## ECONOMY TRAP NEST.

Substantially made of wood and metal. Try out one of these trap nests.

(Free with an order amounting to \$10.00.)

## 3-SECTION NEST.

Constructed of the same materials as the single shown above only it has three compartments or nests.

(Free with an order amounting to \$20.00.)

## FLY SPRAY.

A welcome item on the farm during August and September when flies are at their worst. Five-gallon can of either Pratt's or Conkey's. (Free with an order amounting to \$50.00.)



NOTE.—See preceding page for other premium offers. Only one premium given with an order. BE SURE TO SELECT THE PREMIUM WANTED WHEN YOU SEND IN YOUR ORDER.



# OLDS' SEEDS

## SINCE 1888

### *"Known for Reliability"*

#### Our Threefold Guarantee

**1. Quality.** We guarantee the quality of all the items offered in this book to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop.

**2. Safe Arrival.** We guarantee everything to arrive in good order. If there is any trouble, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us with the bill of lading.

**3. Careful Attention.** All orders and remittances are promptly acknowledged and letters of inquiry personally and courteously answered, as a rule the same day they are received.

#### LOWER PRICES FOR 1936

Contrary to the upward trend of prices on other commodities, Olds' seeds are priced much lower than a year ago and on many items the lowest in years. Growing conditions were ideal and most crops were very fine. You should not buy seeds of unknown origin or from houses without a dependable reputation, when you can buy Olds' reliable seeds at such low prices.

For 49 years the Olds' Seed Company has maintained the confidence of their customers with their high standards and strict honesty and integrity in their business. Our seed book tells the truth and we trust it will be an accurate guide to every seed buyer.

The book is divided into sections in the order named—new varieties, garden seeds, flower seeds, bulbs, plants, nursery stock, field seeds, and side lines. Varieties are arranged as nearly as possible in alphabetical order.

The prices quoted will remain the same throughout the season on all items with the exception of field seeds. After February 15, 1936, field seed prices will be subject to change. Ask for a weekly price list after that date. Prices are likely to advance by seeding time and our advice is to order early. Customers who send us their orders early are entitled to premiums shown on the premium page. We also include a trial packet of seeds with all orders for garden and flower seeds, regardless of size.

#### SUGGESTIONS FOR ORDERING

**REMITTANCES.** We will be responsible for all money sent us through the mail if remittance is made by post-office money order or express order, draft or registered letter. We will accept personal checks at face value. Small amounts less than 50c may usually be sent safely in postage stamps or coin. We prefer five-cent stamps.

**MAKE USE OF THE ORDER SHEET** appearing in the back of this book. If you have occasion to write us later regarding the order be sure to give the post office address under which it was mailed or the number of the order.

**WE ACKNOWLEDGE ORDERS** promptly when received. If any part of the order is mailed right out that answers as an acknowledgment or if the goods can be sent at once by freight or express we ship right out, sending acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

**POSTPAID PRICES.** All Garden Seed prices, except the Market Gardeners' Wholesale Prices are postpaid prices and include free transportation. Prices on Field Seeds, Potatoes and Side Lines do not include transportation unless quoted postpaid. See table of Parcel Post Rates on page 68.

**WE SEND LARGE SHIPMENTS BY FREIGHT**, unless otherwise instructed. We have three railroads here at Madison: C. & N. W., C. M. St. P. and P. and I. C.

**C. O. D. SHIPMENTS.** No perishable items such as plants and nursery stock will be sent C. O. D. Other things may be sent that way if desired, providing one-fourth of the amount accompanies the order.



Above is our home here at Madison. We use not only this entire building, four floors and basement, but store many carloads of seed in public storage here in Madison.

## L. L. OLDS SEED COMPANY, MADISON, WIS.

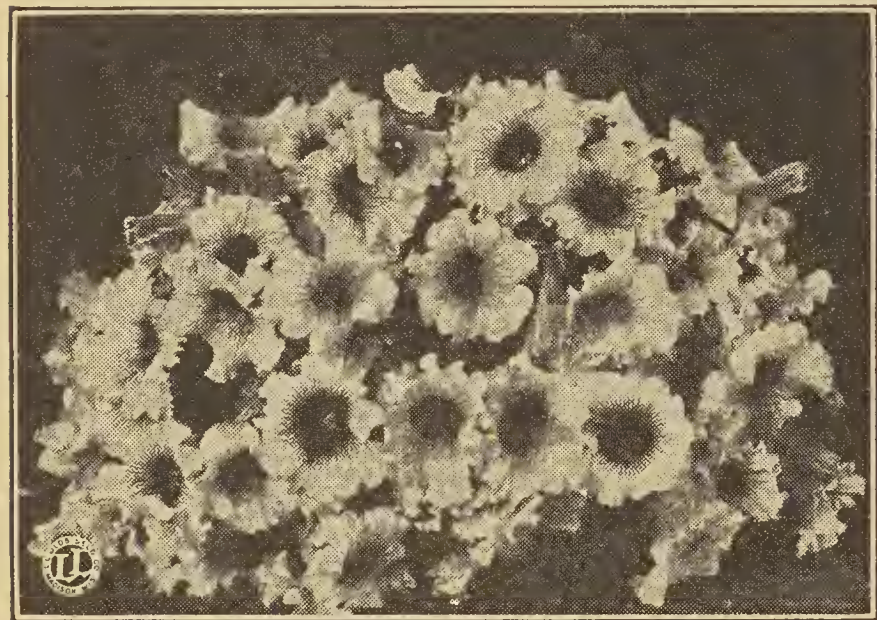




Flaming Velvet Petunia.

### PETUNIA

1090. **FLAMING VELVET.** H. A. A brilliant, rich, velvety, blood-red Petunia. The large flowers are very uniform in color and type. Plants grow about one foot high with a nice, erect branching habit. Awarded the Gold Medal in the 1936 All-America contest. Originated in Holland. Pkt., 25c; 2 pkts., 40c.



Martha Washington Petunia.

### DWARF DOUBLE GEM NASTURTITIUM

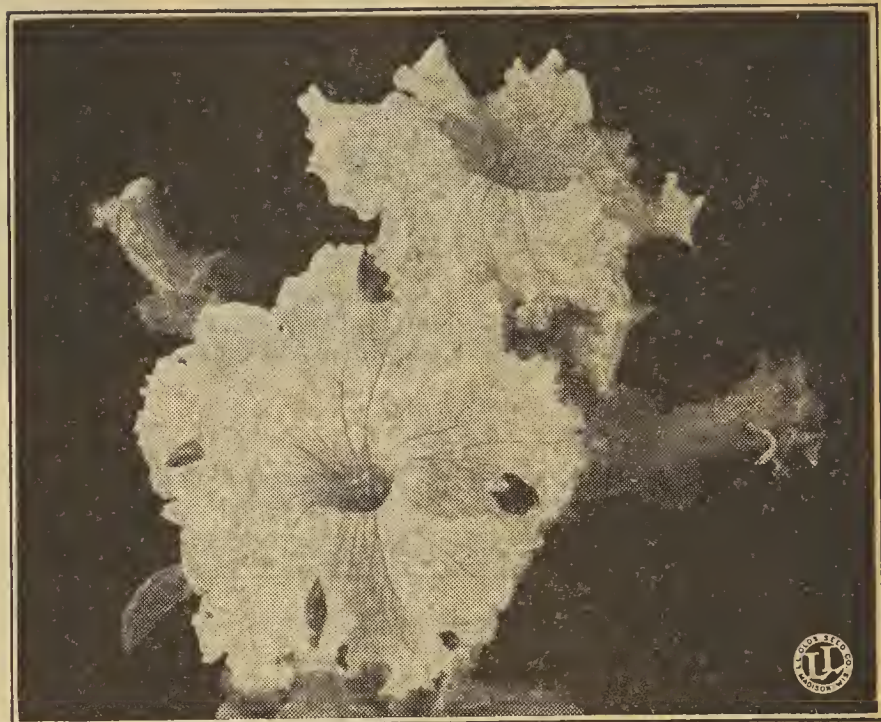
1052. **GOLDEN GLOBE.** H. A. The Gem class of double Nasturtium is very dwarf. The plants are compact and ideal for borders or edging. They do not have the runners found on the Gleam type of double Nasturtium.

The Golden Globe in color is identical to the Golden Gleam. It is the first named color in this new race of Nasturtiums. The free-flowering and the well-formed flowers are delicately sweet scented. Pkt., 15c; 2 pkts., 25c.



Dwarf Double Golden Globe Nasturtium.

# Beautiful New Flowers



Dainty Lady Petunia.

### PETUNIA

1091. **DAINTY LADY.** H. A. A distinct new color in Petunias. A delicate golden yellow. Plants are neat, compact, semi-dwarf and free-flowering, bearing generous quantities of medium-sized, delicately-fringed, light golden yellow flowers throughout the summer. It required 10 years to develop this new Petunia. We are pricing this very low (especially for a new variety) as we want all our customers to try it this year. Seed supply very short. Expect to be sold out by March. Pkt. of 50 seeds, 10c.

### PETUNIA

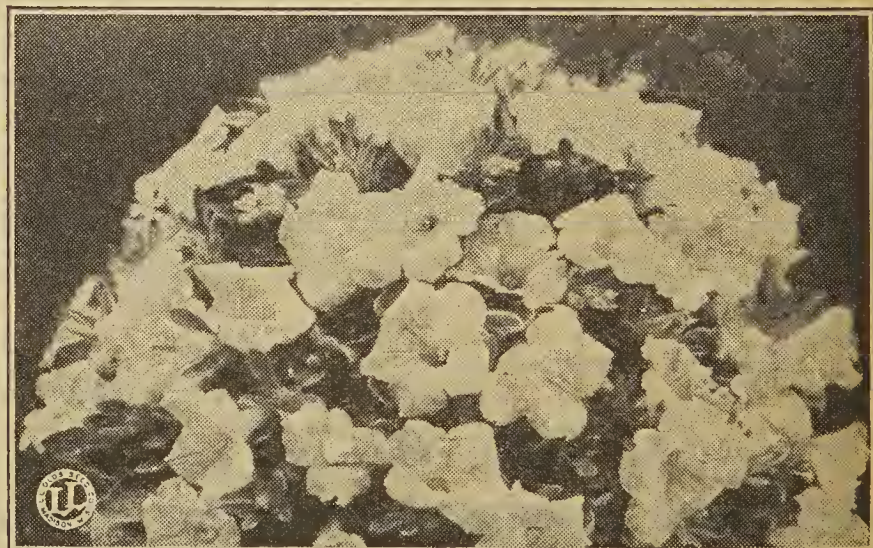
1094. **MARTHA WASHINGTON.** H. A. Another new variety of the recently-introduced Nana Compacta or ruffled dwarf Petunia. The plant is about nine inches high and forms a perfect ball literally smothered with beautiful frilled blooms about three inches in diameter. A remarkable feature of this variety is its unique color, which resembles a Martha Washington pelargonium. The frilled flower is a beautiful blush pink and the center portion is strongly veined a rich wine red deepening in the throat to a dark violet. Pkt., 20c; 2 pkts., 35c.

### PETUNIA

1093. **ROSE GEM.** H. A. Ever since we introduced to our customers the new Petunia Pink Gem, there has been a call for a Petunia of this type in a darker color. We now have Rose Gem which is a rich, deep rose resembling the Rose of Heaven Petunia in color. The compact plant grows about five to six inches high and is smothered with blooms about two inches in diameter. Pkt., 25c; 2 pkts., 40c.

THE ABOVE FOUR NEW VARIETIES OF PETUNIAS ARE SHOWN IN COLOR ON THE FRONT COVER.

"I had wonderful success with your seeds in 1934. My garden grew in a four weeks' drouth. Other gardens of local seeds never came up. I am late in ordering this spring. Have just arranged for my garden plot. I hope I am not too late for your Olds' Dollar Collection."—Harvey E. Harry, Michigan."



Rose Gem Petunia.



# For Your Garden



Dixie Sunshine Marigold.

## MARIGOLD.

1033. **DIXIE SUNSHINE.** (H. A.) The prettiest Marigold we have ever seen. However, it is very late in blooming and grown outdoors in the North, will probably not produce many flowers before frost. We hope, in a few years, to offer an early strain of this beautiful flower. The plant is pyramidal in shape of a glossy green color. The flowers, borne on strong stems, are a brilliant golden yellow and come 100% fully double resembling Chrysanthemums. Packet, 15c; 2 packets, 25c.

## SHASTA DAISY.

946. **NEW DOUBLE.** (H. P.) This strain includes an assortment of various types of double flowers ranging from fully double-fringed petals through semi-double to a type which, though single, forms an unusually beautiful shaped flower with lacinated colored and quilled petals. The large flowers are carried on long, wiry stems. Packet, 25c; 2 packets, 40c.

## ZINNIA.

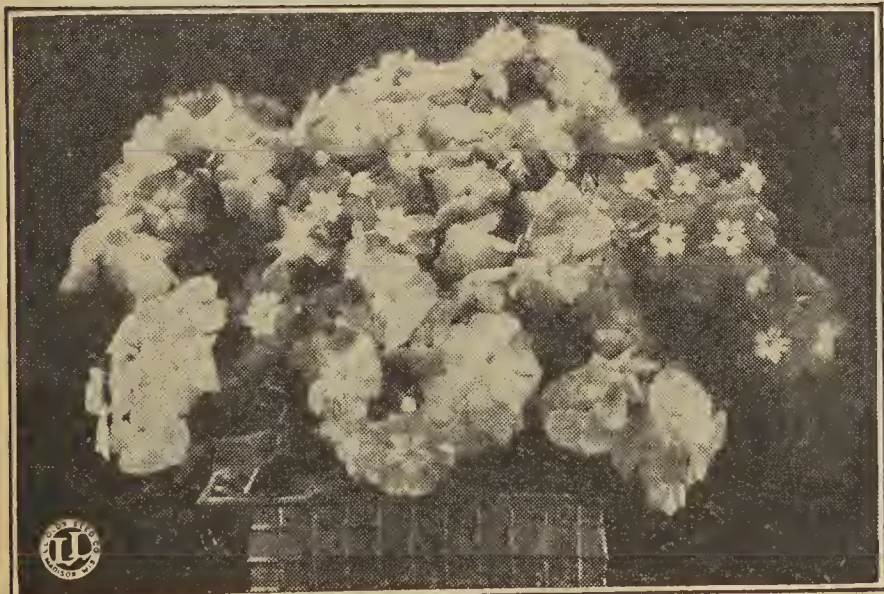
1338. **SCABIOSA FLOWERED.** (H. A.) This new Zinnia produces medium-sized flowers resembling the annual Scabiosa from which they derive their name. The free-flowering plants grow 2½ to 3 feet high, blooming throughout the season. While the color range includes all the popular shades, it is particularly rich in shades of crimson, scarlet, orange, yellow and pink. A small percentage will bloom single flowered. Packet, 15c; 2 packets, 25c.

## DWARF DOUBLE GEM NASTURTIIUM.

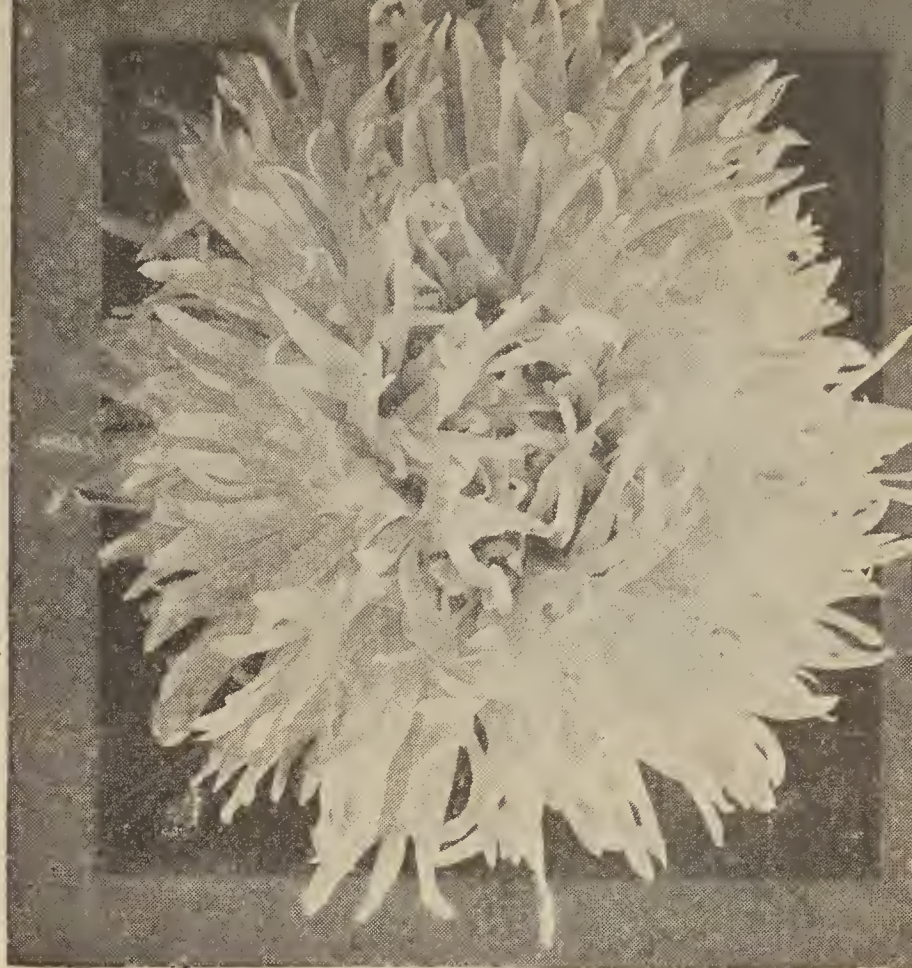
1053. **MIXED.** (H. A.) A new race of double Nasturtium. The plants are very dwarf and are without runners. Will hold their form in rainy climates. The good-sized, sweet-scented double flowers cover the little plants in an excellent color range. Fine for borders and edging. Packet, 20c; 2 packets, 35c.

## ANNUAL PHLOX.

1113. **GIGANTEA ART SHADES.** (H. A.) A new strain of Drummondii Phlox with flowers 1¼ inches or more in diameter. In addition to the enormous flowers, the color range is exquisite, ranging through all the soft art shades. There is a complete absence of harsh colors in this wonderful mixture. Plants are about 9 inches high. Packet, 20c; 2 packets, 35c.



Gigantea Art Shades Phlox.



Double Shasta Daisy.

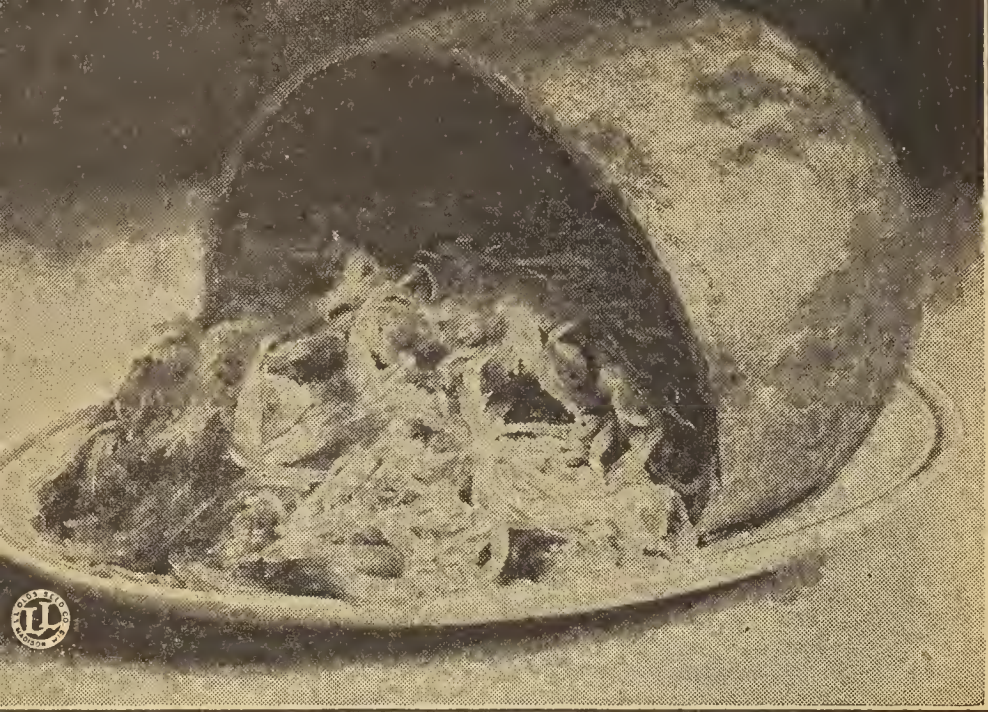


Scabiosa Flowered Zinnia.



Double Dwarf Gem Nasturtium.





Spaghetti Squash.

## SWEET CORN

### 137. GOLDEN COLONEL. (93 days.)

For many years, gardeners have been looking for a sweet flavored yellow Country Gentleman corn. We are pleased to offer Golden Colonel, the product of ten years of breeding, as a perfect yellow Country Gentleman. The stalk, ear, pattern and shape of kernel, as well as the required time to eating state are identical to the Country Gentleman. The ears, 7½ inches to 9 inches long and 3 to 3½ inches in diameter are a beautiful golden color with a flavor superior to Country Gentleman, retaining the good quality of the Golden Bantam, one of its parents. It is equal in productiveness to the Country Gentleman. The dainty golden shoepeg kernels of good depth are ideal for canning as a whole kernel corn. Market gardeners should find a heavy demand for this corn as it is the only good yellow corn ready for market during the latter part of the season when white sweet corn ears predominate on the market. Pkt., 15c; ½ lb., 40c; 1 lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.40, postpaid.

## CUCUMBER

163. **STRAIGHT EIGHT.** This new cucumber was awarded the gold medal in the 1935 All-America contest. However, this is the first year that seed has been available. This outstanding variety produces symmetrical, cylindrical fruits about eight inches in length and one and one-half inches in diameter. Fruits are well rounded at the ends and of a deep green color when ready to use. They are free from objectionable striping or tipping. An ideal home and market variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00, postpaid.

Golden Colonel Sweet Corn.

"Old's seeds always grow best."—Eunice Nottorf, Kansas.  
 "I recommend your seed as the best I have ever planted. Last summer was a very dry summer, but I had a fine garden from your seed just the same."—Peter Johnsen, Michigan.  
 "Have bought from you for over 20 years and the seeds have always been true to name."—W. J. Gould, Illinois.



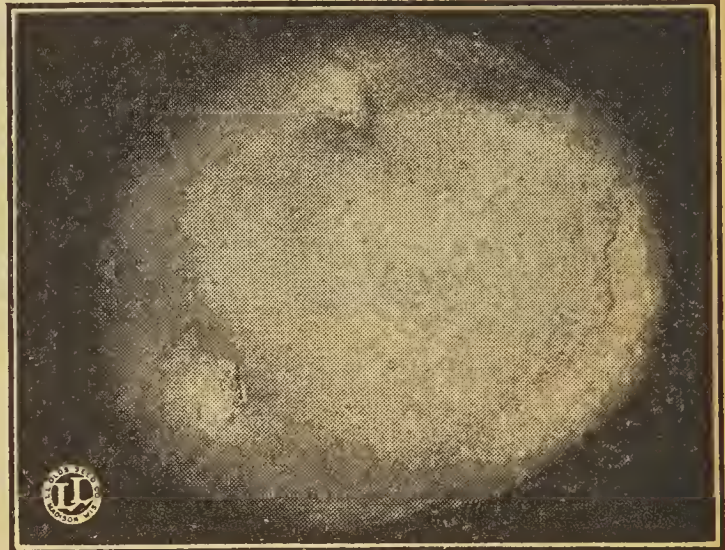
McCrea's Bush Lima.

# NEW VEGETABLES

## SQUASH

412. **SPAGHETTI.** (105 days.) Here is a distinct novelty for your garden. Grow some of these in your garden this year and surprise your friends with this unique vegetable. Spaghetti Squash gets its name from the unique way in which the meat falls from the shell when baked. The contents resemble spaghetti. It is important that the squash be fully ripe and that they are baked well. The shell of the squash is very thin, only about one-eighth of an inch thick. The quality is not equal to Buttercup or the Hubbard types. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00, postpaid.

## POTATO



Chippewa Potato.

**CHIPPEWA.** A new late potato introduced by the U. S. Department of Agriculture. A heavy yielding variety which is highly resistant to mild Mosaic. The Grand Rapids station reports a yield in a test plot of 464 bushels to the acre. This season it won the Sweepstakes at the Minnesota State Fair.

Chippewa has a velvety white skin, shallow eyes, and is slightly oblong in shape. Matures earlier than Green Mountain and other late varieties. An ideal late potato for Wisconsin. Price not prepaid: Pkt., \$1.10; bu., \$3.00; 100 lbs, \$4.75.

## BEAN

32. **MCCREA'S BUSH LIMA.** A new bush lima that is entirely different and has real merit. The bush is strong and stocky. It will stand heat, cold and wet weather better than any other large lima. The pods are small like a baby lima, but the beans are large and thick of the potato type. Each pod contains four or five large seeds which retain a green tint when cooked. The dry seed is small and shriveled like a Sugar Pea and requires less seed per planting. When cooked the bean swells to a very large size. The flavor is unusually sweet and different from any other lima. It is an exceptionally fine dry lima for winter use. The large plump bean is thin skinned, tender, and very sweet flavored. Try some of these this year. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid.

"I am pleased with the seed we get from your firm. We could not think of using any other cabbage seed. Sure had fine cabbage for the last five years."—Mrs. J. F. LePere, Illinois.



Straight Eight Cucumber.



# FOR YOUR GARDEN

## PUMPKIN.

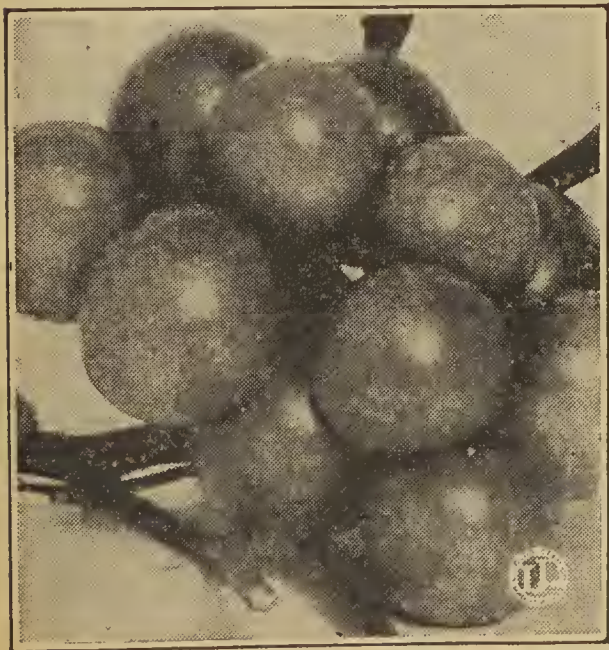
**361. NEW BUSH.** Pumpkins are not usually grown in the home garden as the vines require too much space. We now offer a pumpkin that requires only about four square feet of space that can be easily grown in the home or small garden. Each bush produces about three to four good sized pie pumpkins. Note the illustration at the right. The pumpkin resembles the Kentucky Field in size and shape, being very dark green and turning to yellow. The seed cavity is small. It matures about the same as Connecticut Field. Packet 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00, postpaid.

## TOMATO.

**426. SCARLET DAWN.** (70 days.) Received Gold Medal Award in the 1935 All-America Contest. It is a cross of Clark's Early on Marglobe and is earlier in season than both parents. The vine is of medium growth, fairly open, very prolific fruits, medium large, globular, smooth and free from flat sides and puffiness. Bright scarlet ripening well to the stem. Exceptionally attractive. Reports on the various trials which were sent out on this variety are very gratifying. The picture shown below was taken of one cluster which contained 15 sound tomatoes. Some ripe, some just turning and others green but each free from cracks and sound. This variety is wilt and rust resistant. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 70c;  $\frac{1}{4}$  lb., \$2.05, postpaid.

## CABBAGE.

**81. WISCONSIN BALLHEAD.** (Yellows Resistant.) (105 days.) This new strain of Yellows Resistant Cabbage was developed in answer to a demand for a late storage variety that would mature earlier and not as coarse as Wis. Hollander No. 8. After years of careful breeding this new strain was originated and in trials it has proven 100% resistant to Yellows which is not true of No. 8. It is also more uniform and in fact more uniform than any of its type ever seen and is somewhat earlier than the No. 8. It was not bred from Wis. No. 8 but from an entirely new strain of cabbage. For market gardening, shipping and storage purposes it is second to none. Our supply of seed this year is limited and we urge all our customers who want seed of this variety to order their supply early. Pkt., 10c;  $\frac{1}{2}$  oz., 23c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00, postpaid.



Scarlet Dawn Tomato.

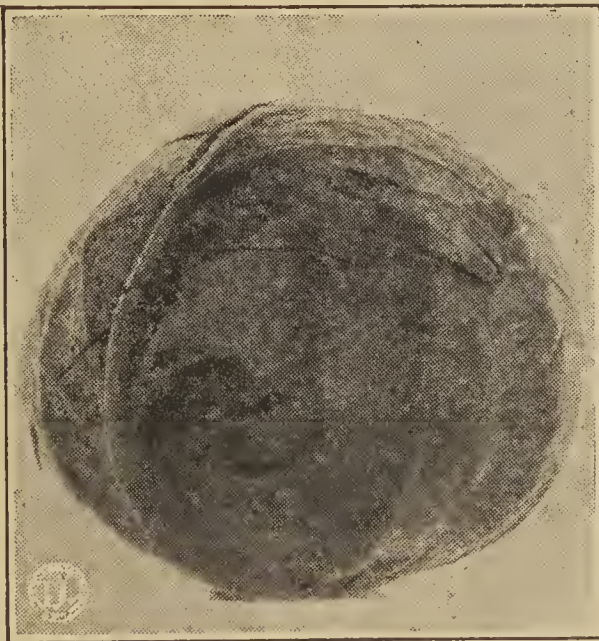
## SQUASH.

**406. BUTTERCUP.** Butternut is a new Winter Squash developed by Prof. A. F. Yeager, horticulturist at North Dakota Agricultural College. It is entirely distinct in type, a turban shape, with thin skin and thick orange flesh at the stem end. The seed cavity is at the bottom covered with a very thin layer of flesh. Weighs from 3 to 4 pounds, just the right size for the average family. Has less waste than any other squash. Quality the very best, better even than Hubbard. We receive many favorable comments each year on this new squash. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.40, postpaid.

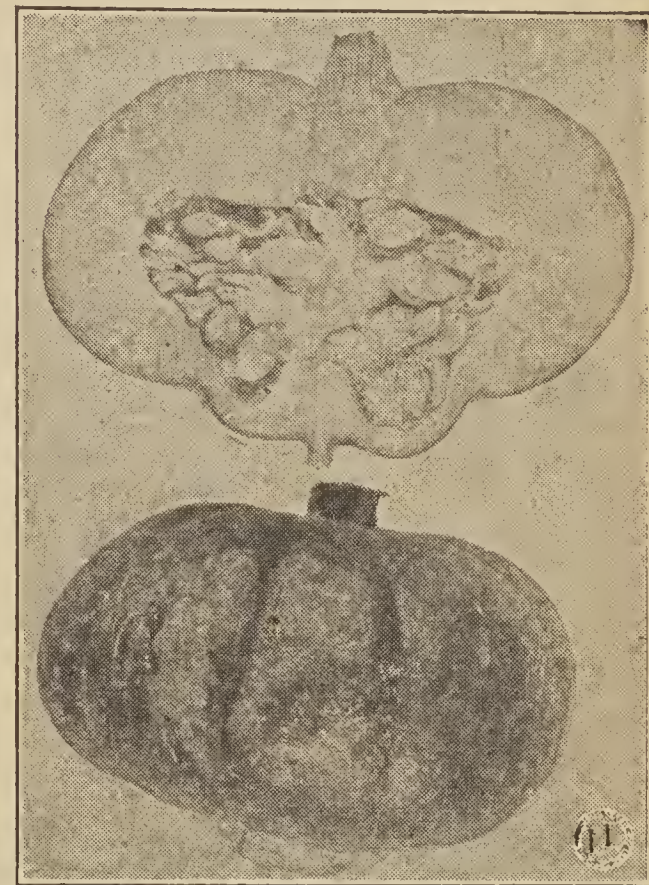
## PEA.

**320. WIS. EARLY SWEET.\*** (61 days.) This is a new variety originated by Prof. E. J. Delwiche and introduced by the Wisconsin Experiment Station in 1932. It is an early, sweet canning variety, quite similar to Surprise and resistant to Fusarium wilt. The vines are 26 to 30 inches tall, medium green and slender. Pods single,  $2\frac{3}{4}$  inches long, light green, plump, blunt; containing 6 to 7 medium small wrinkled, green peas; tenderness of skin, firmness and outstanding good flavor are the characteristics of this variety. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 35c; 2 lbs., 65c, postpaid.

*"Sure are pleased with your seeds. We could not raise cabbage until we got your yellows resistant. Now we raise the very best cabbage and all your other seeds are good."*—Mrs. Harry A. Seamon, Ohio.



Wisconsin Ballhead Cabbage.



Butternut Squash.



Wisconsin Early Sweet Pea.



# OLDS' VEGETABLE SEEDS

**HIGH QUALITY SEEDS.** Our Vegetable Seeds are of the highest quality. There are none better. We are proud of our stocks and take satisfaction in the fact that we have only the best. Other catalogs may use more superlatives and colored pictures but pictures and words do not make the seeds better. Our customers want the best seeds obtainable. The labor and time involved in producing a crop are far greater than the cost of the seed and no matter how much time is spent, inferior seeds will produce inferior crops.

**OLDS' SEEDS CAREFULLY GROWN.** Olds' Seeds are grown with the utmost care. Special stock seed is used, seed that has proven to produce high yields, early maturing and uniform vegetables. Many items are grown from hand selected roots. The crops are all carefully hand rogued and any plants that are off type and do not come up to the standards are

immediately removed. Each lot of seed when cleaned and ready for packing is tested for germination. Any lot not coming up to our standard is discarded. Furthermore, the Wisconsin Seed Law requires high standards of germination for all garden seeds sold by Wisconsin dealers. After our seed has passed the germination tests it is put in packages of different sizes. Each package is stamped with the stock letter which has been given to the particular stock seed used. If you wish further information in regard to any seed received from us, give us the stock letter and then we can tell you all about it. Seed grown in this exacting manner costs more to produce but by careful management and economy in catalog expenses we are able to keep our prices in line with those of any other reliable house. We aim to have just enough seed to carry us through the season as we do not want to carry over stocks. Our customers want fresh seeds. Order early to get the varieties you want.

## ASPARAGUS

**3. MARTHA WASHINGTON RUST PROOF.** This variety very closely resembles the Mary Washington Rust Proof. It has the same characteristics but the stalks are somewhat flattened in shape instead of round. Just on that account it is more in demand in some markets. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 80c, postpaid.

**6. ★MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties, and apparently immune from rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 80c, postpaid.



Mary Washington Giant Rust Proof.

## ASPARAGUS ROOTS

Our Asparagus Roots are grown on our own farm where we have a rich, loose soil, which is particularly adapted to the growing of these roots. The life of an asparagus bed is usually about twenty years so in selecting roots it is well to get the best. Our roots are that kind. It takes three years to grow an asparagus bed from seed, two years from one-year-old roots, and one year from two-year-old roots.

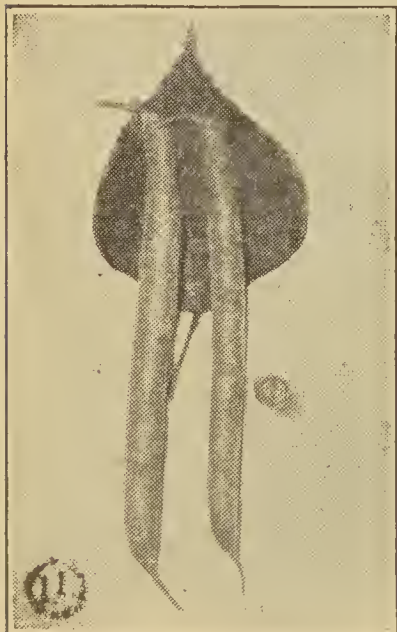
**MARY WASHINGTON GIANT RUST PROOF.** In general, the best all around variety for home and market. We would not advise any other. Plants: 1 year old, 25 for 50c; 50 for 80c; 100 for \$1.50, postpaid.—Not prepaid: 100 for \$1.25; 1,000 for \$7.00. (500 at 1,000 rate.)

## OLDS' GARDEN BEANS

Our beans are Northwestern grown, thoroughly rogued and carefully hand-picked. Beans grown in the Northwest at high altitudes are free from anthracnose and other diseases so apt to be found with beans grown at lower altitudes. Our packets each contain seed enough to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 75 pounds one acre.

**CULTURE:** Sow the bush varieties as soon as the ground is warm and the season favorable. Plant in rows 2 feet apart, the beans 2 inches apart in the row and 1 1/2 inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to 3 plants to a pole.

Beans thrive best in a sandy loam but grow very well in any soil. Keep well hoed, drawing the earth up to the stems. Do not work when the plants are wet as this will cause rust and injury to the crop. Plant every two weeks for succession. For larger amounts than quoted, see our **Market Gardeners' Price List**, page 39. The figure after each variety shows the time required after the seed is sown before the first picking is ready.

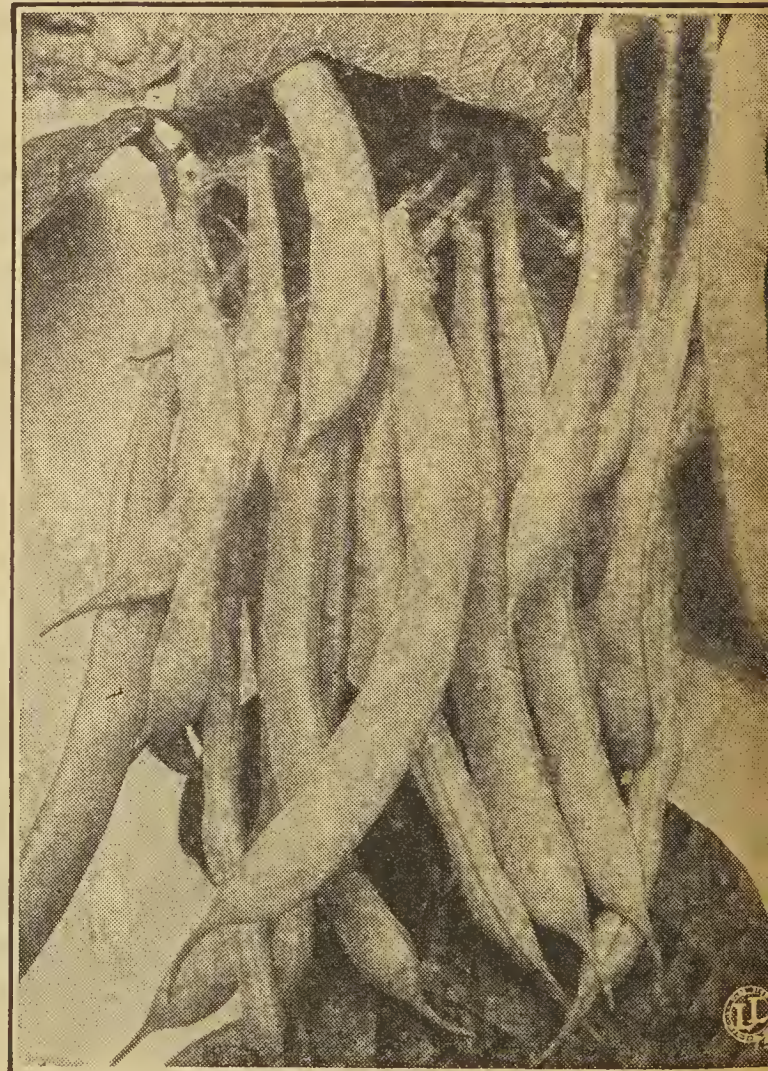


Tendergreen Bean.

**17. TENDERGREEN.** (54 days.) A new dwarf, green podded variety of very fine quality. The fleshy pods are absolutely stringless, measuring about 6 inches in length. Slightly later than Stringless Green Pod. Tendergreen is very productive and in our trials proved the best variety for late planting. It produced a heavy crop when the wax podded and other green varieties failed. Be sure to try Tendergreen for your late planting this year. Large 2-oz. pkt., 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

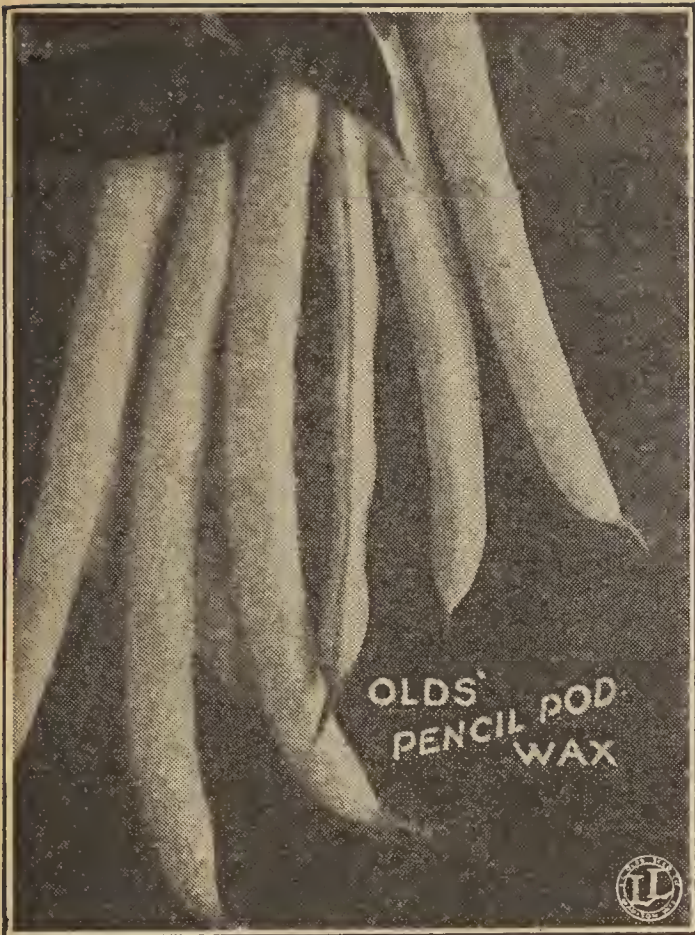
**20 1/2. ★OLDS' EARLY STRINGLESS WAX.** (50 days.) This bean is our leader in wax-pod varieties. A cross between Stringless Green Pod and Valentine Wax, and a decided improvement over both. Early and hardy.

The pods are light yellow in color, well filled, tender, and of a delicious flavor. Large 2-oz. pkt., 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.



Olds' Early Stringless Wax.





24. **★OLDS' PENCIL POD BLACK WAX.** (53 days.) Best of all the dwarf black-seeded wax varieties. The pods are round, 6½ to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Quality excellent. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

22. **STRINGLESS WHITE KIDNEY WAX.** (52 days.) The pods are 6½ to 7 inches long, white, straight, and flat, borne in clusters. A very handsome bean for market. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

20. **★IMPROVED GOLDEN WAX.** (50 days.) The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to 4½ inches long and very handsome; of a rich golden-yellow color. Large 2-oz. pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.

*"All of the seed that I have bought of you has been good. I have bought some seed of you for ten years or more."—Mrs. Arthur Teter, Indiana.*

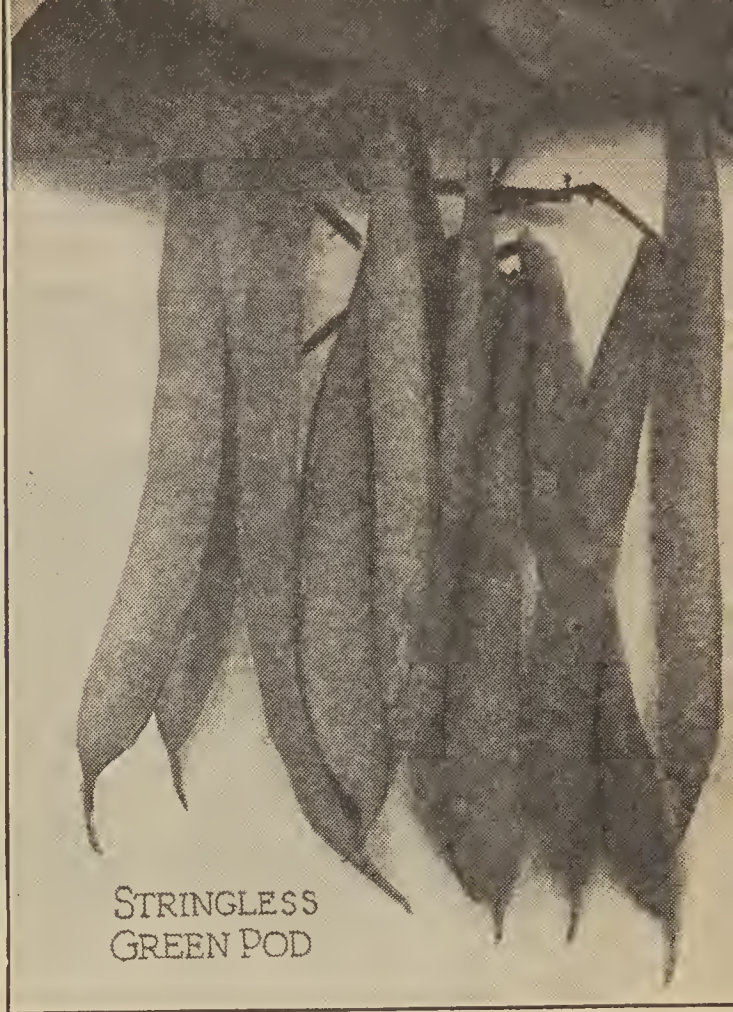


Asparagus Bean.

10. **ASPARAGUS OR YARD LONG.** This variety is a native of South America. Habit of growth is quite similar to Kentucky Wonder Bean. Pods broad, oval, light green, fleshy, tender and fiberless; of good quality containing 7 to 8 beans. Pods average in length from 18 to 30 inches. This is a fine novelty to grow in your garden. Pkt., 10c; 2 pkts., 15c; ½ lb., 40c; lb., 75c, postpaid.

13. **★BOUNTIFUL.** (50 days.) A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are entirely stringless, 6½ to 7 inches long, very tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. It is also excellent shelled for winter use. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 21c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid.

16. **GIANT STRINGLESS GREEN POD.** (54 days.) Somewhat similar to Stringless Green Pod, although the pods are longer, straighter and more slender. The pods are also more depressed between the beans and slightly lighter in color. Fairly early, hardy and of the highest quality. One of the most desirable varieties for canning. Large 2-oz. pkt., 5c; ½ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.



15. **★STRINGLESS GREEN POD.** (52 days.) (Burpee's.) The best green pod. A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if an early green pod is wanted. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

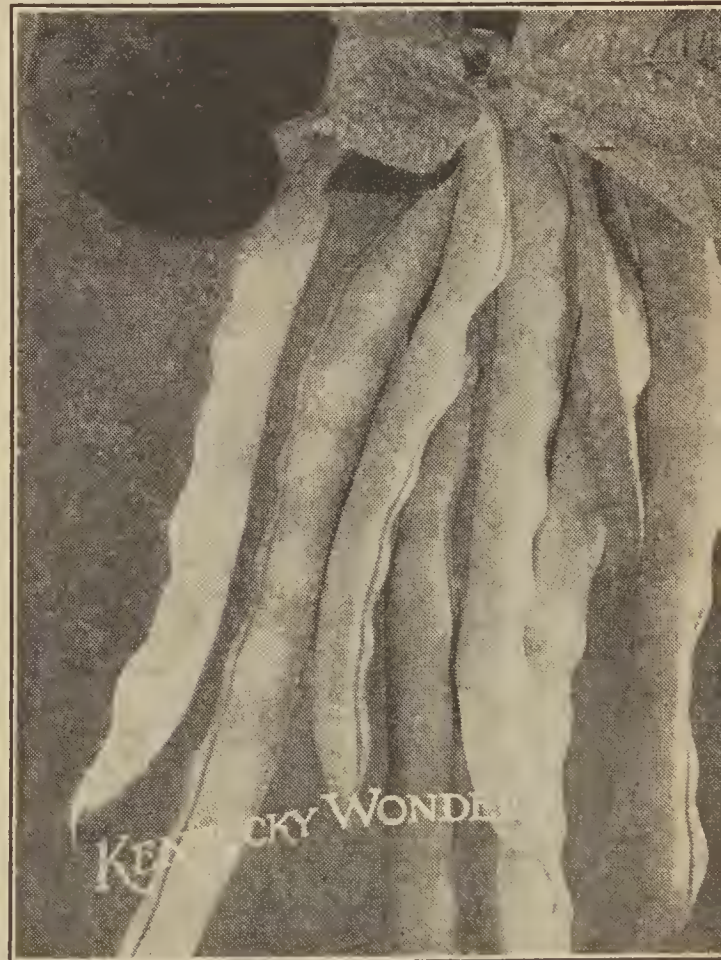
19. **REFUGEE STRINGLESS.** (70 days.) We have discarded Refugee Thousand-To-One for the new Refugee Stringless. This resembles the old Thousand-To-One and it is entirely stringless although perhaps not quite as productive. This variety is the one most popular with canners. The pods measure 5 to 5½ inches in length, somewhat slender, round and slightly curved. The color is light green. Very fine grained and of good quality. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

Red Kidney Bean  
See Page 80

## POLE BEANS

37. **WHITE SEEDED KENTUCKY WONDER.** (Burger's Stringless.) (64 days.) Developed primarily for the home garden and trucker. Plant medium and a good climber, 4 to 5 feet tall. Pods 6½ to 7 inches, silvery green, tender, fleshy, stringless and fiberless and of good quality. Seeds oval-flat, white. Beans can be used as snap beans or for dry shelled purposes. Pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.

38½. **KENTUCKY WONDER WAX.** (68 days.) The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.



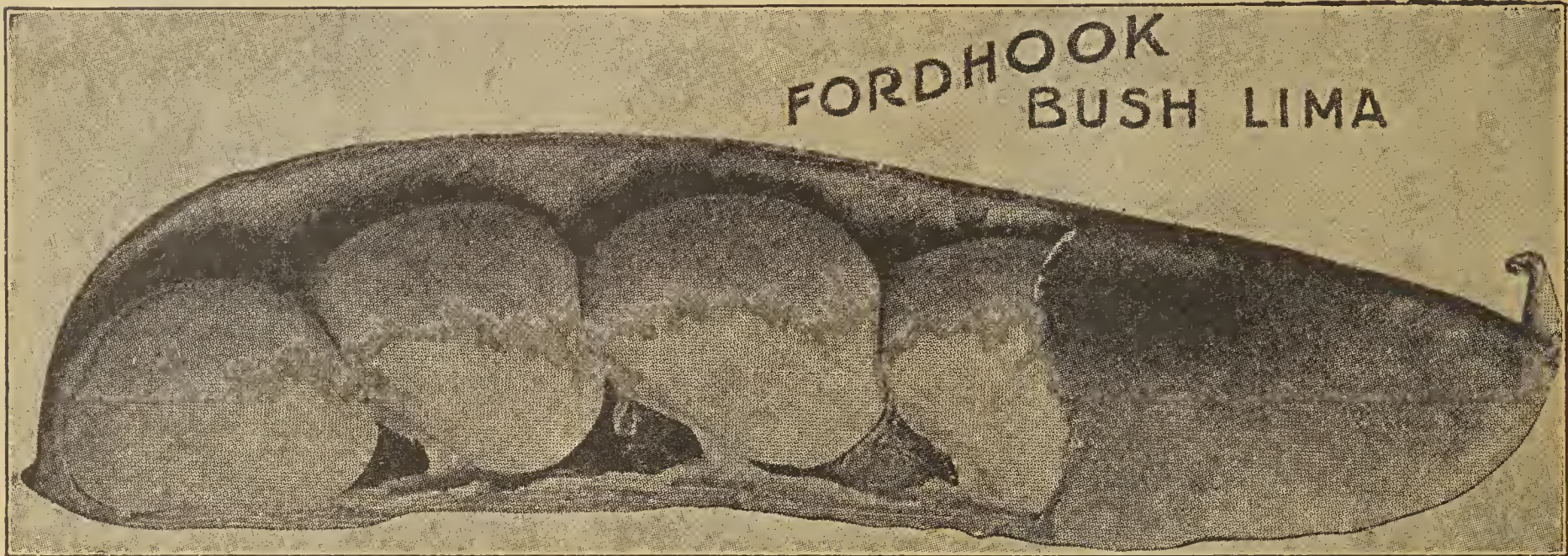
38. **★KENTUCKY WONDER.** (65 days.) (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid.



# OLDS' LIMA BEANS—BUSH VARIETIES

**NOTE:** Plant Limas with the eyes down and in a warm location. Do not plant until the soil is thoroughly warm.

Lima beans should be harvested while they are still green.



34½. **FORDHOOK BUSH LIMA.** (75 days.) The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; from 4 to 5 inches long, and produced in large clusters; they contain from 3 to 5 large beans each of fine quality. The beans are white, with greenish tinge, thick and meaty. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid.

31. **HENDERSON'S BUSH LIMA.** (Butter Bean.) (68 days.) A small bean. The bush is not large, but the variety is earlier than any other Bush Lima. Pods are small containing 3 or 4 small flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of Lima for the home garden, because of its quality and extreme earliness. Pkt., 10c; 2 pkts., 15c; ½ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

32. **MCGREA'S BUSH LIMA.** Our new bush Lima which is entirely different than any other. We advise all our customers to try it. See page 4 for complete description. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid.

34. ★**BURPEE'S IMPROVED BUSH LIMA.** (75 days.) Early, large and productive. Both beans and pods are larger than in the old Burpee's Bush Limas, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Large 2-oz. pkt., 10c; 2 pkts., 15c; ½ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid.

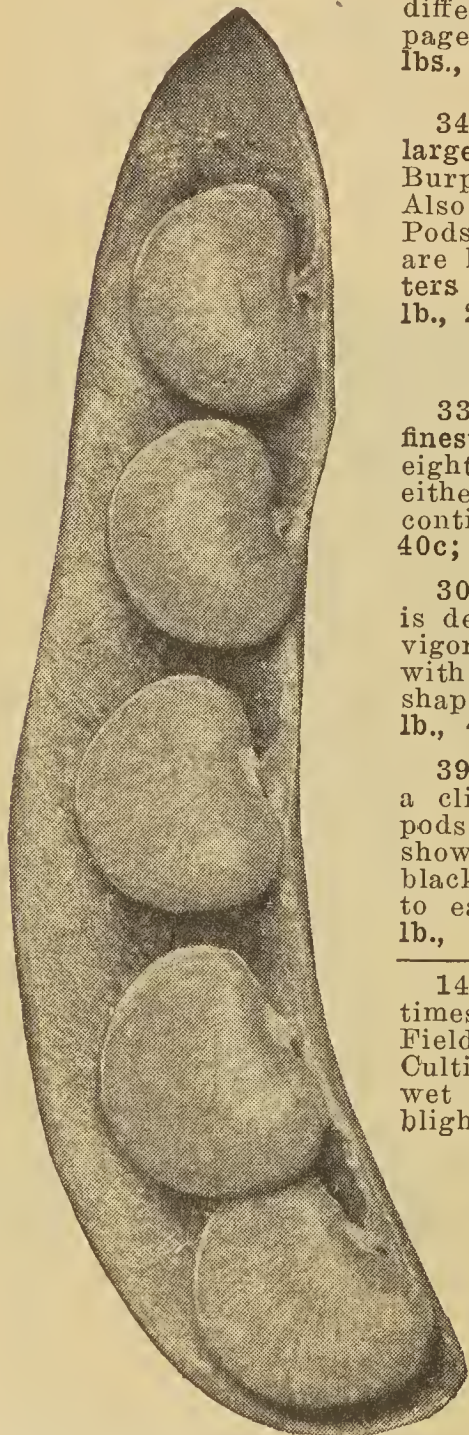
## OLDS' POLE LIMA BEANS

33. **FORD'S MAMMOTH PODDED.** (85 days.) The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent either green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; 2 pkts., 15c; ½ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid.

30. **DREER'S POLE LIMA.** (80 days.) This variety of Lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring 3½ to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c; 2 pkts., 15c; ½ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid.

39. **SCARLET RUNNER.** (90 days.) A pole bean that is really a climbing bean and very ornamental. The blossoms are scarlet, the pods a beautiful green, shading to wine color when ripe. The large, showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. Pkt., 10c; 2 pkts., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid.

14. **NAVY BEAN or BOSTON BAKED BEAN,** as it is sometimes called. Popular since the time of the Civil War. Primarily a Field Bean but deserves a place in the garden. Don't give it rich soil. Cultivate well, but never cultivate or disturb any crop of beans while wet with either dew or rain, as it is always sure to produce rust or blight. Pkt., 5c; ½ lb., 15c; lb., 20c; 2 lbs., 35c; 5 lbs., 70c, postpaid.



Burpee's Improved Bush Lima.



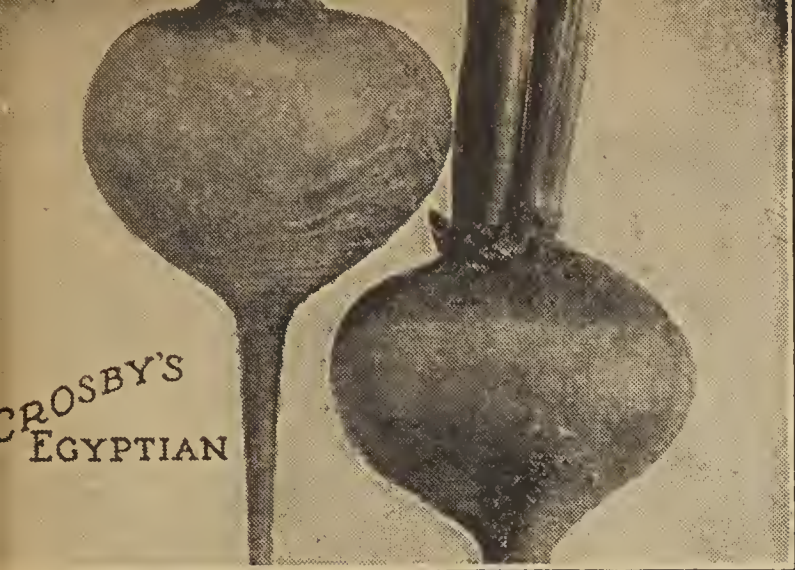
self ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for 8 pounds, 25c, postpaid. (The same culture may be used for Peas also.)

### FOR GARDEN BEANS.

Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for







CROSBY'S  
EGYPTIAN

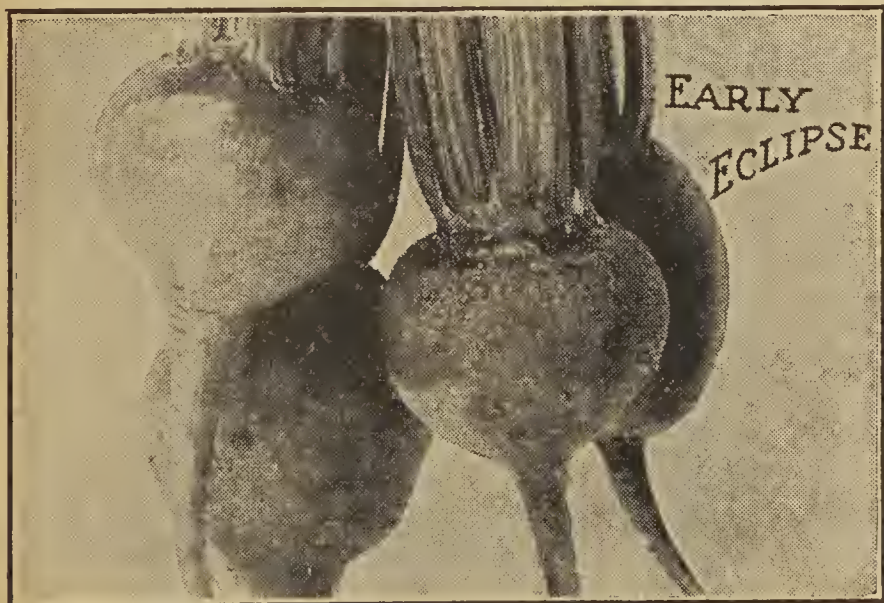
51. **CROSBY'S EGYPTIAN.** (60 days.) A first-early market variety. Flattened globular shape and of fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

46. **CRIMSON KING.** (55 days.) A fine, large beet of deep blood-red color. Roots globular, smooth; under favorable conditions reach a diameter of four inches. Tops and taproots small. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.



Perfected Detroit.

49. **HALF LONG BLOOD.** (75 days.) This variety is becoming popular because it outyields the turnip shaped beets. It produces more bushels per given area. Decidedly an excellent second early variety and a good keeper; roots half long, smooth and deep red in color. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c, postpaid.



44. **EARLY ECLIPSE.** (63 days.) As early as the Egyptian but more desirable because of its globe shape, smoothness and regularity. It is sweet and tender and of a dark red color. Small tops. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

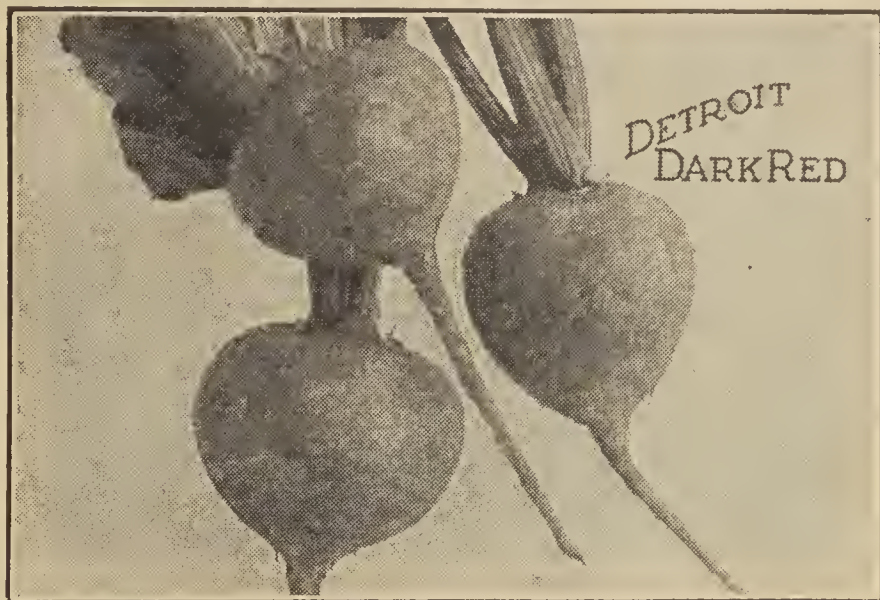
#### BEETS IN SUCCESSION.

Do not depend on one planting for a supply all through the summer and fall. The sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

## OLDS' GARDEN BEETS

**CULTURE:** The best soil for beets is a deep sandy loam. For early beets plant as early in the spring as the ground can be worked, sowing a little later for the main crop. Winter beets should be planted about the 15th of June.

Plant the seed about ¾ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet; one ounce 60 feet; 5 pounds an acre drilled.



DETROIT  
DARK RED

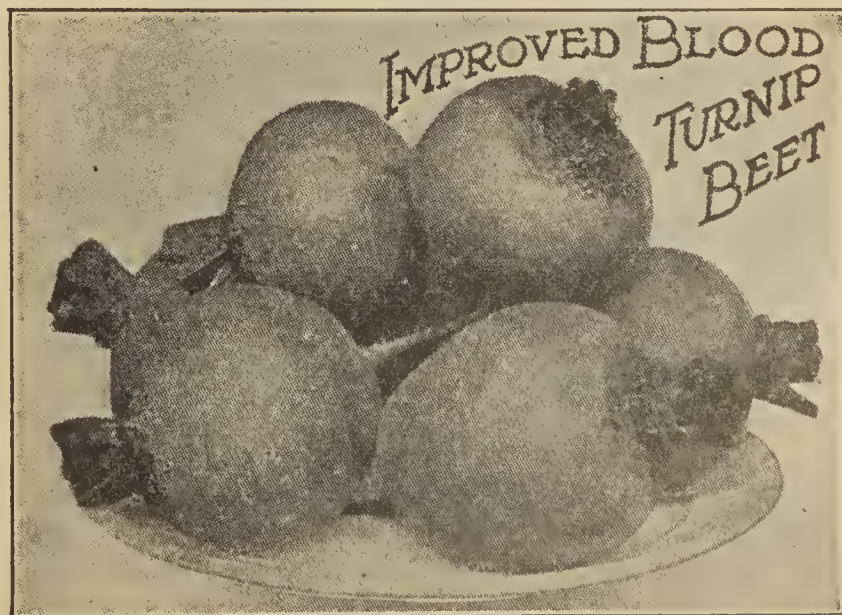
48. **★DETROIT DARK RED.** (68 days.) Select Strain. The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Our largest seller. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c, postpaid.

43. **★EARLY WONDER.** (56 days.) A selection from Crosby's Egyptian. Very uniform dark red, globe shaped, small top. Especially good for late planting although in the extra early class. Early, hardy, productive and handsome. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

40½. **★EARLIEST FORCING.** (50 days.) (Fireball.) Earliest of all beets; suitable for forcing. A turnip-rooted or globe shaped variety and red as a radish. It has a smooth skin and is solid and very sweet in flavor. The leaf stalks and taproots are quite small, making it valuable for sowing in frames. Retains its fresh table qualities remarkably well. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c, postpaid.

40. **EXTRA EARLY EGYPTIAN.** (55 days.) A forcing and first early variety. One of the very earliest of all beets in fact, with very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

52. **★CRIMSON GLOBE.** (70 days.) A fine second early or main-crop table or market variety. Globe shaped, medium in size and slightly zoned. A rich blood red in color, sweet, tender and never stringy. Foliage small and dark. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.



IMPROVED BLOOD  
TURNIP  
BEET

41. **★OLDS' IMPROVED EARLY BLOOD TURNIP.** (60 days.) A fine, bright red beet. Remarkably even in size and appearance. A flattened globe shape, good quality. Tops large and coarse. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.



# OLDS' WISCONSIN YELLOWS RESISTANT CABBAGE

## First Generation Seed

In growing good cabbage it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is **First Generation Wisconsin** grown, and our Danish varieties are produced in Denmark where those varieties reach perfection. Cabbage requires deep mellow soil. One packet will produce 400 plants,  $\frac{1}{4}$  pound plants enough for an acre.



The photograph above is of a field of cabbage at Racine, Wisconsin. It shows a test row of cabbage from good commercial seed in the center of a field of Yellows Resistant cabbage. A very few plants only out of hundreds set out, survived in this row. No clearer demonstration of the value of resistant seeds in districts affected by yellows could be given.

**87. ★MARION MARKET.** (Wisconsin Copenhagen.) (75 days.) This is the Yellows Resistant strain of Copenhagen Market and is known as Marion Market. For description see Copenhagen Market below as it is the same only resistant to Yellows. A good kraut variety. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00, postpaid.

**81. WISCONSIN BALLHEAD.** (105 days.) Our new variety of "Yellows Resistant" cabbage. Second to none for market, shipping, or storage purposes. See page 5 for complete description. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00, postpaid.

**74. WISCONSIN JERSEY QUEEN.** (70 days.) New Yellows Resistant Wakefield Cabbage; just as early as Jersey Wakefield and identical in leaf and head growth. It has the pointed head of the Jersey Wakefield and is a heavy yielder. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**CULTURE:** For early use sow the seed in hotbeds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early sow in April and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July. Use Slug Shot for cabbage worms and Evergreen for lice. See pages 93 and 94. **Maggot Control.** See page 32. The figure after the name gives the time required to form mature heads after setting plants.

**80 $\frac{1}{2}$ . ★WISCONSIN HOLLANDER NO. 8.** (110 days.) The same as No. 85 described on the next page, except that it is "Yellows Resistant." Wisconsin No. 8 is one of the most satisfactory strains of cabbage to grow for winter use and for a shipper. It will keep good and it has a heavy, solid head. The heads are almost perfectly round, fine grained and with few outside leaves. We recommend this strain. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.15; lb., \$3.50, postpaid.

**76. ★WISCONSIN ALL SEASONS.** (90 days.) The same as No. 80 described on the next page except that it is "Yellows Resistant." A fine late second early for home use. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.



Wisconsin Globe.

**77. WISCONSIN GLOBE.** (85 days.) A wonderful "Yellows Resistant" second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yielder on any fair soil. This cabbage is a selection from Glory of Enkhuizen and is the same in season as that variety. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00, postpaid.

## OLDS' STANDARD CABBAGE



Copenhagen Market.

**84. ★COPENHAGEN MARKET.** (75 days.) Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield. Heads large, round and solid. Our seed is the best Danish grown. Pkt., 5c;  $\frac{1}{2}$  oz., 12c; oz., 20c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00, postpaid.

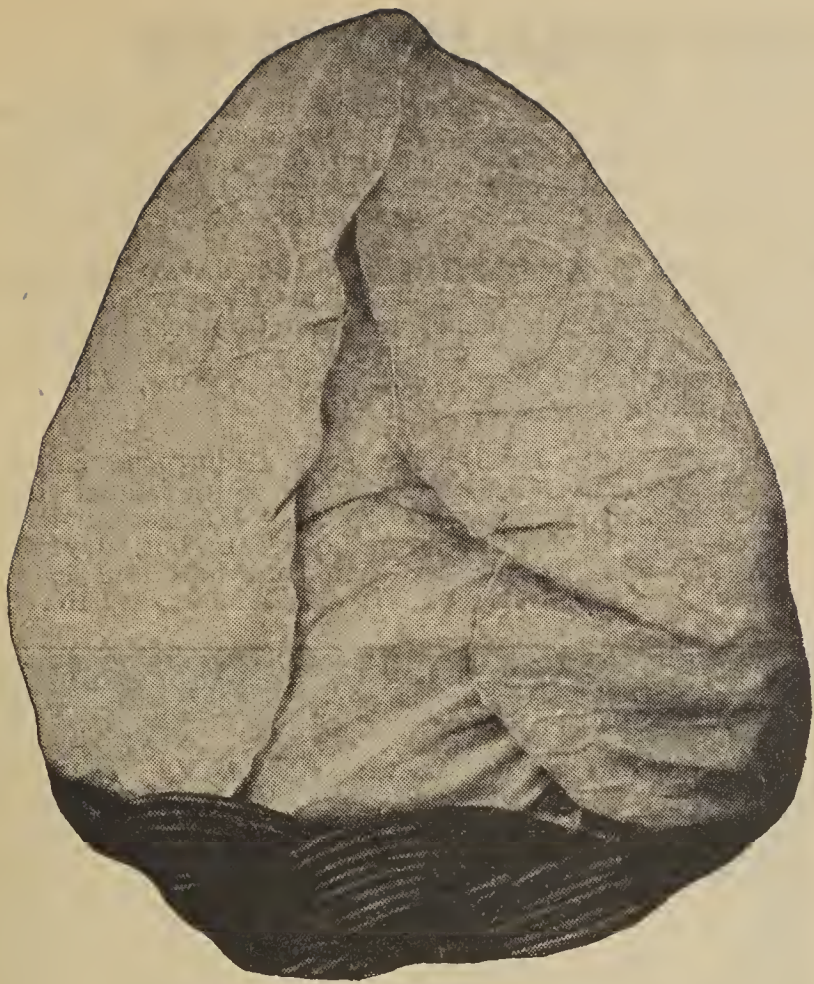
**SAGE HI CAPS** will hasten growth and protect plants from frost and insects. See inside back cover.



Golden Acre.

**73. ★GOLDEN ACRE.** (65 days.) Earliest of all varieties. It is an extra early selection of the Copenhagen type. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. A good winter variety if planted late. Quality excellent. Our seed is Danish grown. Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.





Early Jersey Wakefield.

**70. EARLY JERSEY WAKEFIELD.** (70 days.) Early Jersey Wakefield is the best known and most popular extra early cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.



**85. ★HOLLANDER OR DANISH BALLHEAD.** (110 days.) The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. The most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. Our seed is Danish grown. Pkt., 10c; ½ oz., 15c; oz., 28c; ¼ lb., 90c; lb., \$2.75, postpaid.

**75. ★ALLHEAD EARLY.** (85 days.) Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Makes a fine winter cabbage. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

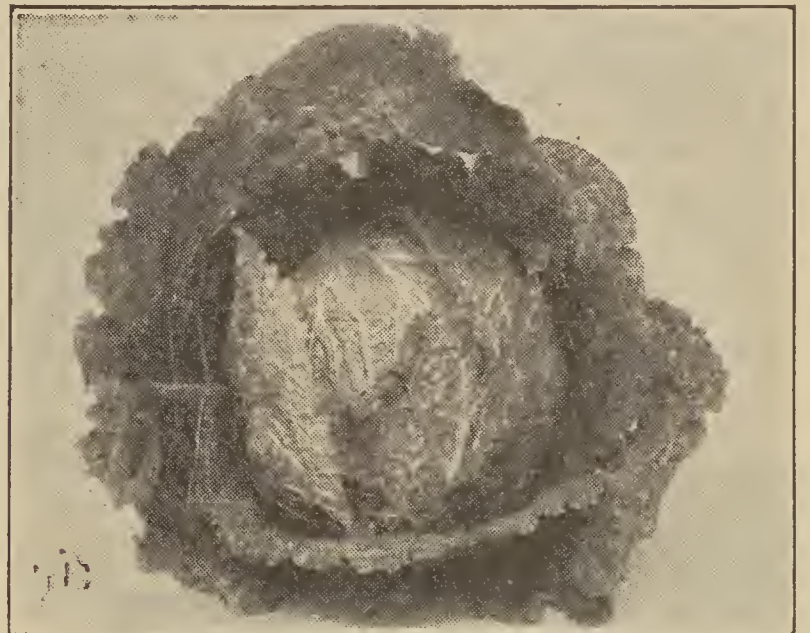
**80. ALL SEASONS.** (90 days.) Can be used for either early or late. Heads large, round and deep. A late second early. A good keeper and a favorite with gardeners. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

**89. MAMMOTH ROCK RED.** (110 days.) The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from ten to twelve pounds. Pkt., 5c; ½ oz., 12c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.



**88. ★GLORY OF ENKHUIZEN.** (85 days.) Valued for its earliness, size, keeping qualities and flavor. Heads medium, round. A fine kraut cabbage. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

**82. ★PREMIUM LATE FLAT DUTCH.** (100 days.) This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 55c; lb., \$1.75, postpaid.



Drumhead Savoy.

**83. DRUMHEAD SAVOY.** (90 days.) Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves are very much crumpled. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

**83½. CHINESE CABBAGE.** (75 days.) Chihli. See page 16. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 55c.

## CABBAGE PLANTS

**FROST PROOF CABBAGE PLANTS.** Grown off the coast of South Carolina where the difficult growing conditions give the plants great resistance to cold and bad weather. They are guaranteed to stand a temperature of 20 degrees above zero. **YOU GAIN THREE WEEKS.** Shipment to you direct from the growing station. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a steady growth.

Can supply Early Jersey Wakefield, Copenhagen Market, Succession and Early Flat Dutch.

(After May 15th order Home Grown Cabbage Plants as we cannot furnish the Frost Proof after that date.)

Price: 100 plants, 45c; 200 to 400 plants at 40c per 100; 500 plants, \$1.50; 1,000 or more plants at \$2.25 per 1,000, postpaid. By express: 1,000 to 4,000 plants at \$1.25 per 1,000; 5,000 or more plants at \$1.00 per 1,000.

(No orders filled C. O. D. or for less than 100 plants of a variety.)

**HOME GROWN CABBAGE PLANTS.** Ready early in May. Can supply Early Jersey Wakefield, Golden Acre, Copenhagen Market and Mammoth Rock Red. Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid. For late varieties sow seed in beds outdoors about May 10th and transplant in the field four weeks later.



## OLDS' CAULIFLOWER

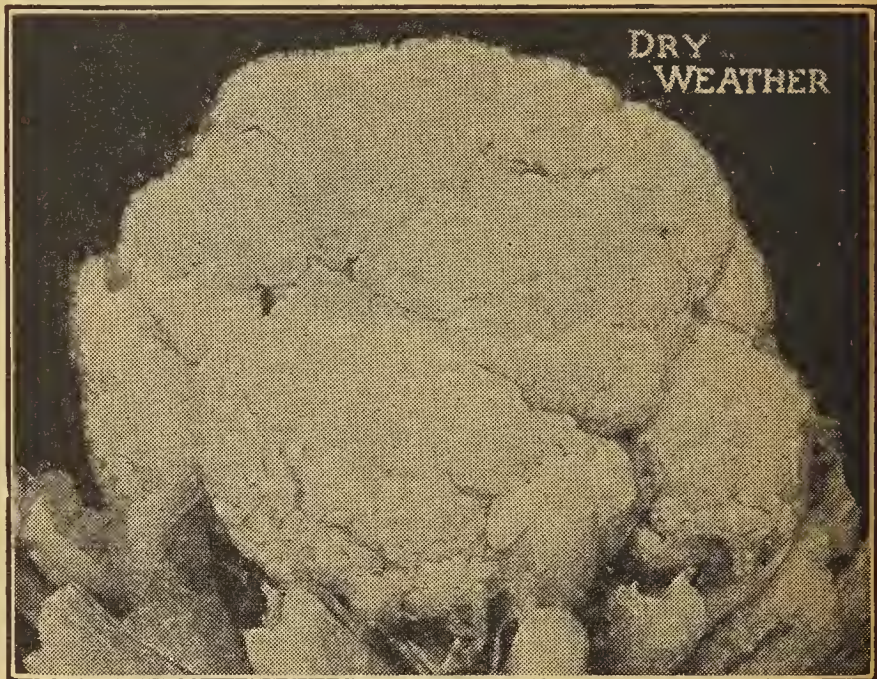


Super Snowball.

Olds' Cauliflower Seed is grown in Denmark and is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request. The figure after the name shows time required to produce heads after setting plants.

90. **★IMPROVED EARLY SNOWBALL.** (60 days.) Undoubtedly the most popular early variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short upright leaves. Our seed is grown in Denmark and equal to any strain of Snowball anywhere. Pkt., 15c; ¼ oz., 70c; ½ oz., \$1.20; oz., \$2.00; ¼ lb., \$6.60, postpaid.

93. **★DRY WEATHER.** (68 days.) The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads, too, larger than Snowball and is a sure header. Pkt., 15c; ¼ oz., 70c; ½ oz., \$1.20; oz., \$2.00; ¼ lb., \$6.65, postpaid.



91. **★SUPER SNOWBALL.** (48 days.) A real marvel, both in earliness and in uniformity of heading. It will head from 2 to 3 weeks sooner than the earliest strains of cauliflower and very uniformly throughout the field. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested 4 months from the time the seed is sown. In our experience we have not found a cauliflower that can compare with this variety. Pkt., 20c; ¼ oz., 70c; ½ oz., \$1.35; oz., \$2.60; ¼ lb., \$10.10, postpaid.

94. **AUTUMN GIANT.** (74 days.) One of the finest late varieties. Heads large and compact. Not a sure heading variety in the North. A vigorous grower. Pkt., 5c; ¼ oz., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.75, postpaid.

### HOME GROWN CAULIFLOWER PLANTS.

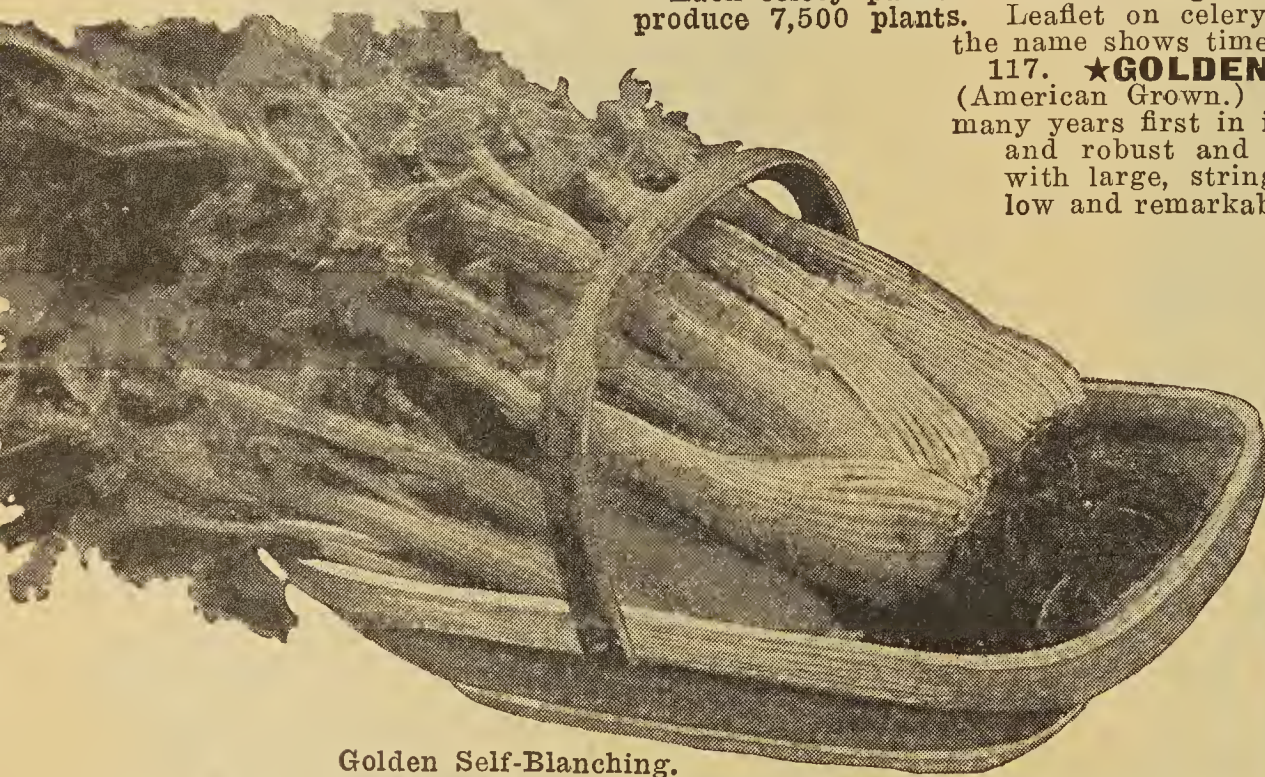
We can furnish Improved Early Snowball (early) and Dry Weather (second early). Ready early in May. Doz., 30c; 50 for \$1.00; 100 for \$1.75, postpaid.

97. **BROCCOLI.** Green sprouting. See page 16. Similar, and easier to grow than cauliflower.

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants. Leaflet on celery culture, free on request. The figure after the name shows time required for edible celery after sowing seed.

117. **★GOLDEN SELF-BLANCHING.** (118 days.) (American Grown.) The leading early variety of celery and for many years first in importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

Golden Self-Blanching is the earliest to mature, is not liable to blight and is a good keeper and shipper. The best known, most grown, most wanted celery on the market today. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10, postpaid.



Golden Self-Blanching.

115. **EASY BLANCHING.** (130 days.) One of the easiest to blanch and one of the best in quality. The plants make a quick, healthy growth with thick stalks, very tender and brittle. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10, postpaid.

121. **★WINTER QUEEN.** (125 days.) A desirable winter variety. Of medium height, broad, light green stalks; very solid and crisp; blanches creamy-white. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c, postpaid.

118. **GIANT PASCAL.** (120 days.) A standard fall and winter variety, but not a good shipper on account of its tender stalks. The stalk is of medium length, and blanches to an appetizing creamy-white color; is very thick and nearly round, but flattened toward the base. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., 90c, postpaid.

### HOME GROWN CELERY PLANTS.

We can furnish Golden Self-Blanching and Winter Queen about the first of June. Doz., 40c; 50 for \$1.25; 100 for \$2.25, postpaid.





# OLDS' CARROTS

The carrot is one of the most valuable of vegetables and should be cultivated more extensively. They are very wholesome and contain the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want. One pkt. will sow 50 feet of drill; 1 oz. 300 feet, 2 to 3 pounds an acre. For large amounts see Market Gardeners' Price List, page 39.

**CULTURE:** Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches apart in the row. The seed should be sown to a depth of about 4 times the diameter of the seed. Do not depend upon one planting only as they are at their best when young and tender. Plant every two or three weeks up to the middle of July.

**106. ★EARLY CHANTENAY.** (70 days.) **SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c. postpaid.

**100. ★DANVERS HALF LONG.** (75 days.) A splendid carrot, grown for its productiveness and table quality. One of the best for home or market garden. Root 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c, postpaid.

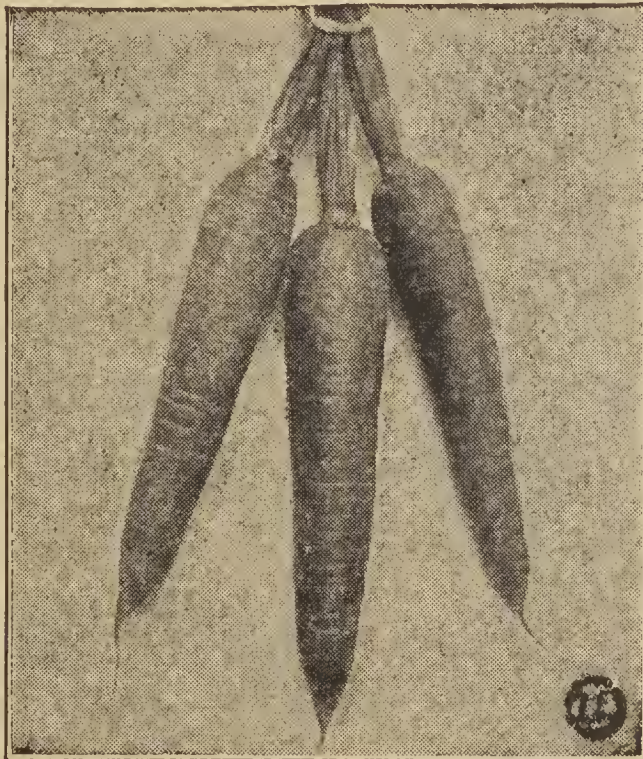
**108. IMPERATOR.** (77 days.) A new type of Danvers Carrot. Very handsome in appearance. Longer than Danvers measuring 7 to 8 inches in length. The shoulders are rounded and the tops just the right size for bunching. The color makes a strong appeal, the deep orange of the skin extending throughout the interior flesh and core. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c, postpaid.

**101. NEW BUNCHING.** Developed primarily for a bunching carrot for market gardeners but because of its fine flavor and attractiveness should be in every home garden. New Bunching is a cylindrical half-long orange throughout, core small and hardly noticeable. Tops are short, strong and rather bushy. The flesh is crisp, tender, sweet and of finest quality. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.10, postpaid.

**104. SCARLET NANTES OR CORELESS.** (70 days.) A delicate flavored carrot of the finest quality. Roots bright orange, crisp and tender. Cylindrical shaped and blunt ended. Excellent for forcing. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00 postpaid.



New Bunching Carrot.



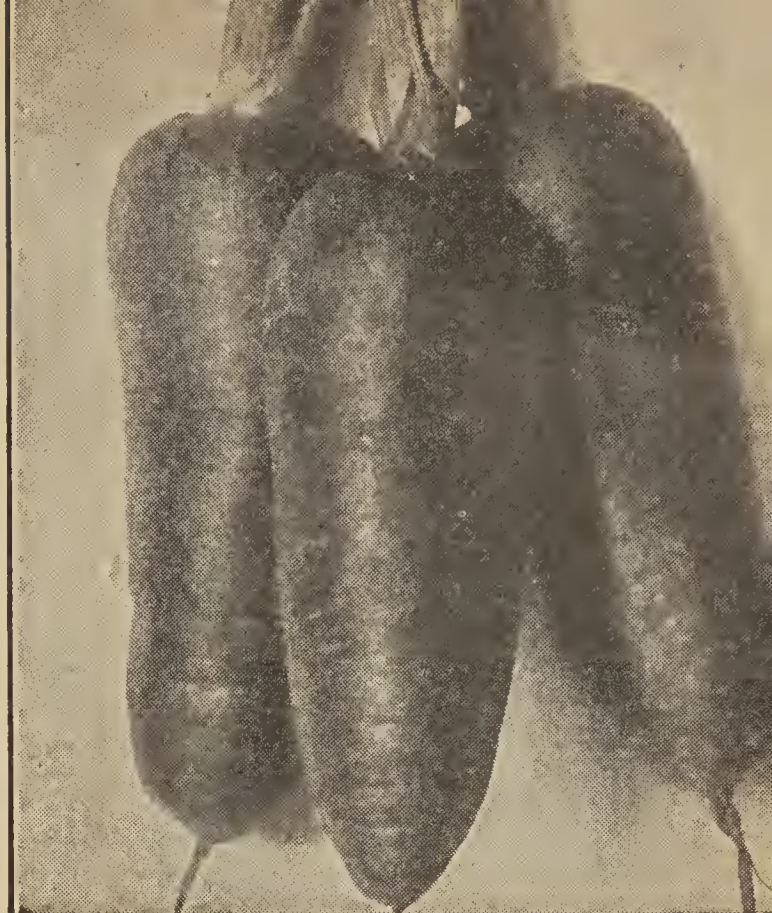
Imperator Carrot.

## STOCK CARROTS

Carrots make excellent feed for live-stock. They may be substituted for grain or other concentrates to the extent of replacing one-half of the dry matter. When thus used 8 to 10 pounds of roots will replace 1 pound of concentrates. Roots can be produced for from \$4 to \$5 per ton.

**112. MASTODON.** (100 days.) The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color and of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 5 lbs., \$3.50, postpaid.

**111. LONG ORANGE BELGIAN.** (90 days.) While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, is specially desirable for that purpose. The roots are mammoth in size, about 20 inches long, yielding often as high as 10 tons per acre. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 5 lbs., \$3.50, postpaid.



Early Chantenay Carrot.

**107. RED CORED CHANTENAY.** (72 days.) This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color. The carrots measure about 5½ to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c, postpaid.

**105. EARLIEST FRENCH FORCING.** (60 days.) The earliest carrot; best for forcing; roots almost round, 2½ inches through. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

**102. IMPROVED LONG ORANGE.** (88 days.) A well-known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange, suitable for both table and field crop. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c; 5 lbs., \$4.00, postpaid.

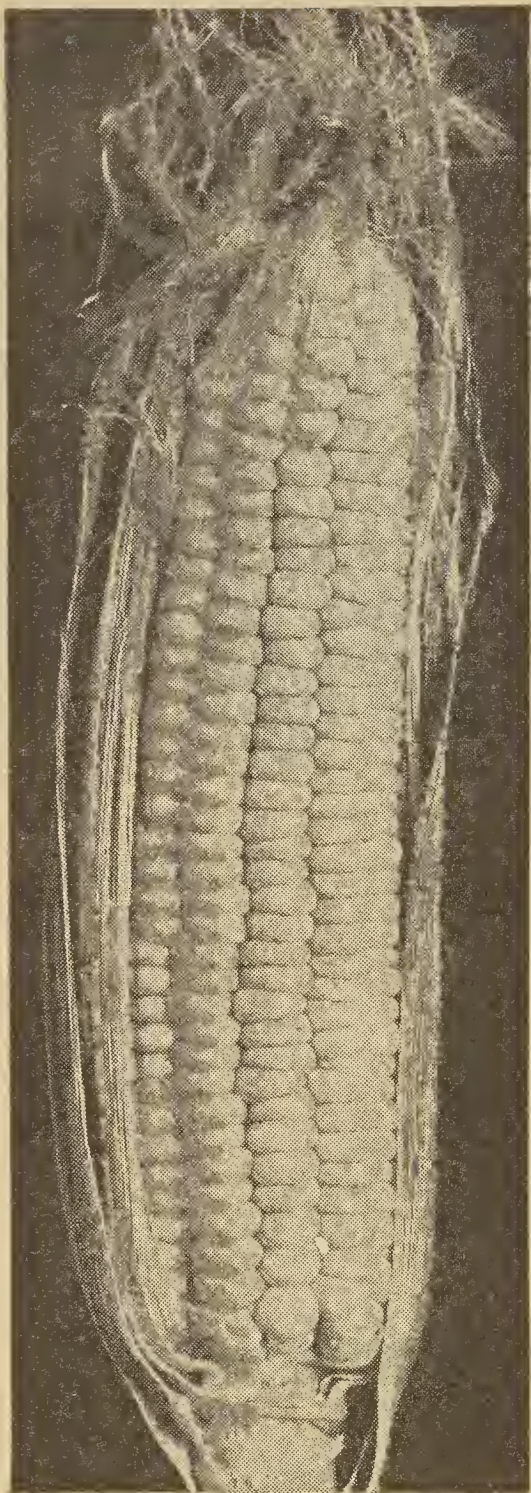
**103. ★OXHEART.** (72 days.) Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

"I am enclosing a small order today. Hope to send for gardeners soon. I have used your seeds for 30 years. Like them very much."—J. J. McNickles, Kansas.



Danvers Half Long Carrot.





Golden Sunshine.

## OLDS' SWEET CORN

Our Sweet Corn is all first class, high testing, Wisconsin-grown seed. Our packets each contain two ounces, larger than the usual packet and enough for 30 to 40 hills. About 10 lbs. will plant an acre. We recommend using Semesan Jr., with Sweet Corn as well as Field Corn. See page 73. For large amounts see Market Gardeners' list, page 39.

### SUCCESSION SWEET CORN COLLECTION

Plant all at one time and you will have sweet corn over a long period.

Golden Gem, first early; Golden Bantam, second early, and Country Gentleman, late. One pkt. of each of the three, 15c; 1/2 lb. of each, 45c; 1 lb. of each, 80c, postpaid.

**137. GOLDEN COLONEL.** Our new yellow Country Gentleman corn. Described on page 4. Pkt., 15c; 1/2 lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.40, postpaid.

**135. ★EARLY JULY.** (70 days.) An extremely early white corn. To say that it is earlier than Golden Bantam is perhaps recommendation enough.

The ears are creamy white, about seven inches long and on account of the very admirable habit of producing two, three and even four good ears to the stalk, it is really very productive. It has a short stalk with few leaves, so you can plant six or eight kernels to the hill. Large pkt., (2 ozs.), 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**148. GOLDEN SUNSHINE.** (76 days.) This new valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. It has a rich golden color; the ears are about one inch longer than the ears of Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 5 to 7 days earlier than Golden Bantam. Our stock of this new corn is especially fine. Large pkt. (2 ozs.), 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10.

**136. MAMMOTH WHITE CORY.** (78 days.) Larger than the original White Cory and still one of the very earliest varieties of sweet corn. It was named Mammoth White Cory because the ears are so large for an extra early variety. Large pkt. (2 ozs.), 5c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**139 1/2. ★COUNTRY GENTLEMAN.** (93 days.) Often called "Shoepeg" corn because of the long, narrow pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Large pkt. (2 ozs.), 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10 postpaid.

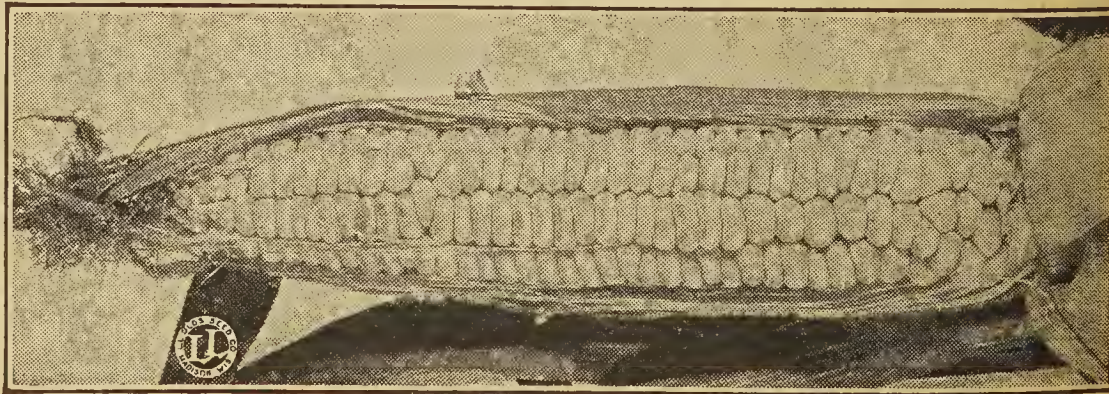
**141. GOLDEN CROSS BANTAM HYBRID.** (A cross of two inbred Bantams. It is midseason about 4 days later than regular Bantam. Stalks average about 6 ft. in height and very sturdy. Two ears are usually produced on each stock averaging 8 inches in length. It will yield about 50% more than regular Bantam and is resistant to Stewarts Disease. Hybrid corns are remarkable for their uniformity of stock, ears, and time of ripening. For the home gardens it should be planted at intervals otherwise it will all ripen at one time. For canning this variety cannot be beaten. Quality is excellent. Seed stocks must be produced each year from hybrids and we caution our customers not to save seed as it will not give satisfactory results. Pkt., 15c; 1/2 lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.20, postpaid.

**145. EARLY EVERGREEN.** (88 days.) An extra fine strain of Stowell's Evergreen with large ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Large pkt. (2 ozs.), 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**140. ★BLACK MEXICAN.** (88 days.) One of the largest and sweetest of all varieties of sweet corn. Ears 8 to 10 inches long. Kernels white when in the eating state. The best second early for the home garden. Large pkt. (2 ozs.), 5c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

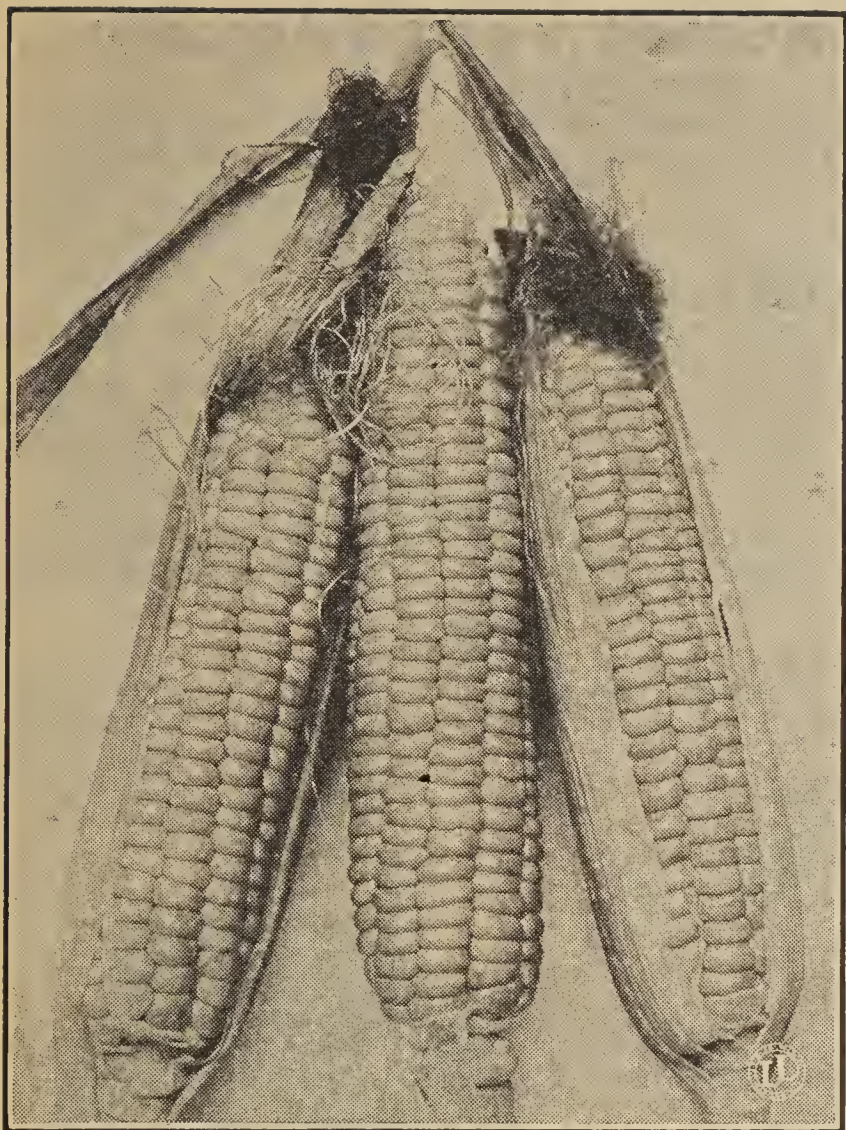
**138. ★HOWLING MOB.** (85 days.) This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Very productive, ears nine to ten inches long, with sixteen rows. Large pkt., (2 ozs.), 10c; 2 pkts., 15c; 1/2 lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**144. GOLDEN GEM.** (70 days.) We introduced this new extra early yellow sweet corn five years ago. It is without doubt the finest early yellow corn so far introduced. It is just as early as any of the white varieties and will sell much more readily than the white. The ears of Golden Gem are rather small, averaging from 6 to 7 inches in length, 8 rows to the ear. Golden Gem is 10 days ahead of Golden Bantam and the quality fully equal to that famous old variety. Large pkt. (2 ozs.), 10c; 2 pkts., 15c; 1/2 lb., 22c; lb., 35c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.



Golden Gem.





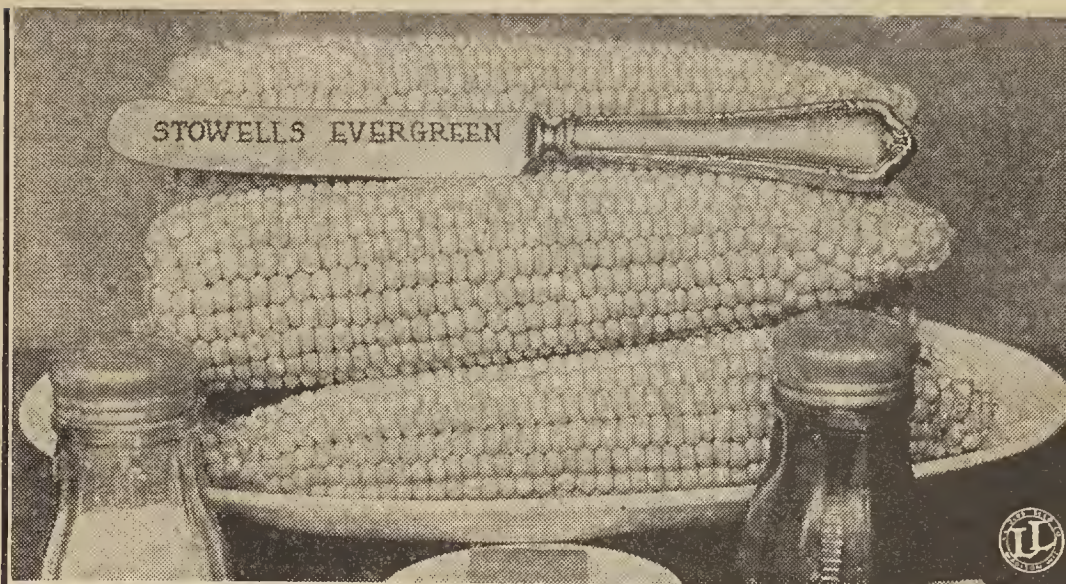
Golden Bantam.

142. ★**GOLDEN BANTAM.** (80 days.) Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. It is only 10 to 12 days later than Early July, making a good succession when both varieties are planted at the same time.

The kernels are tender, very wide and of good depth, while the cob is small, and the flavor delicious. Large pkt., (2 ozs.), 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.

139. ★**EARLY CHAMPION.** (Kendal's Giant.) (88 days.) One of the best main crop, second-early varieties. Stalks large and leafy; strong-growing and dependable. The ears are large, usually two on a stalk. Kernels are large and white and full of milk; 10 to 12 rows to the ear.

An all-around good sweet corn for either home or market. Large pkt. (2 ozs.), 10c; 2 pkts., 15c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.



147. ★**STOWELL'S EVERGREEN.** (96 days.) The best known and most largely planted of all late varieties. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Large pkt., (2 ozs.) 5c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

142½. **GOLDEN OR BANTAM EVERGREEN.** (88 days.) Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. A fine second-planting variety. Large pkt. (2 ozs.), 10c; 2 pkts., 15c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

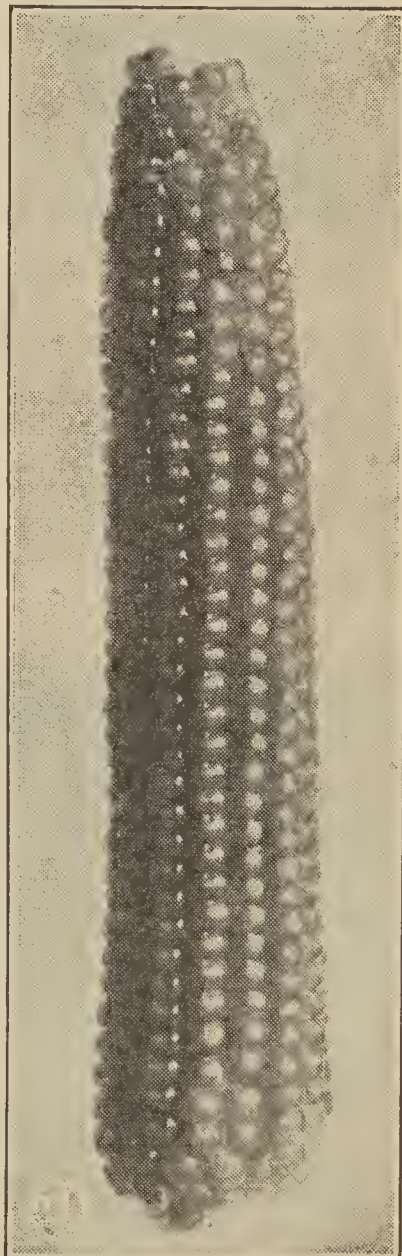
## OLDS' HOME GARDEN COLLECTION

16 Best Varieties for the Home Garden.

Only 60c postpaid.

These sixteen leading standard varieties are especially adapted for an ordinary average garden and do not require large planting space. All packets are full size and the seed is from our regular high quality stock.

- 1 pkt. Beet, Detroit Dark Red.
- 1 pkt. Beans, Stringless Green Pod.
- 1 pkt. Beans, Pencil Pod Black Wax.
- 1 pkt. Carrot, Danvers Half Long.
- 1 pkt. Cabbage, Danish Ball-head.
- 1 pkt. Lettuce, Black Seeded Simpson.
- 1 pkt. Lettuce, May King.
- 1 pkt. Onion, Yellow Globe Danvers.
- 1 pkt. Parsley, Moss Curled.
- ½ lb. Peas, Little Gem.
- 1 pkt. Radish, White Icicle.
- 1 pkt. Radish, Sparkler.
- 1 pkt. Swiss Chard, Lucullus.
- 1 pkt. Sweet Corn, Golden Bantam.
- 1 pkt. Tomato, John Baer.
- 1 pkt. Turnip, Purple Top White Globe.



South American Mushroom.

## OLDS' POP CORN

154. ★**TOM THUMB.** Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hullless and when popped there is no hard center, making it the finest eating of all varieties. It is a favorite in all markets. Large 2-oz. pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.

150. **WHITE RICE.** The familiar shoepegged variety, several good sized ears to each stalk. Large 2-oz. pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.

152. **SQUAW HULLESS.** A new large white pop corn. Ears are white, measuring about eight inches in length; kernels smooth. Will easily mature in southern Wisconsin. Kernels pop to an enormous size and the quality is excellent. Large 2-oz. pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.

153. **SOUTH AMERICAN MUSHROOM.** Also called T-N-T. This is a new variety of pop corn which is becoming very popular. The kernels are large, of a deep orange color, nearly round in shape and smooth. When popped the kernels are mushroom shaped with a very delicious flavor and a buttery color. It is an immense yielder with stalks growing from a height of 6 to 8 feet, producing 2 to 3 large ears, 9 inches long or over. Large 2-oz. pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.



Tom Thumb or Hulless.





Green Sprouting Broccoli.

# LITTLE GROWN VEGETABLES

## BROCCOLI

97. **GREEN SPROUTING.** Hardier and easier to grow than cauliflower. This new and distinct variety of Broccoli forms a plant with a large solid head that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

## BRUSSELS SPROUTS

Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 5c;  $\frac{1}{2}$  oz., 12c; oz., 20c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00, postpaid.

## CHICKORY

130. **WITLOOF.** (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

## CRESS

Used for salads and flavoring.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

## CHINESE OR CELERY CABBAGE

83 $\frac{1}{2}$ . **CHIHLLI.** Earliest and surest heading Chinese Cabbage. This plant does not form a solid head like cabbage; but grows a long, loose head somewhat like Cos lettuce. It is very mild and a real delicacy. Plant late July in rows and thin to about a foot apart. Pkt., 5c;  $\frac{1}{2}$  oz., 10c; oz., 15c;  $\frac{1}{4}$  lb., 55c; lb., \$1.75, postpaid.



Chinese or Celery Cabbage.

## CELERIAC (ROOT CELERY)

125. **NEW GIANT PRAGUE.** An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about 2 inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.

## SWISS CHARD

52 $\frac{1}{2}$ . **LUCULLUS.** (55 days.) The city gardener's friend. Largely used for greens. Grows again after being cut off. The plants grow from two to two and one-half feet in height. Stalks are thick, broad, and flat, also delicious when cooked and served like asparagus. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c, postpaid.

53. **GREEN LYON.** (55 days.) A fine variety for the home garden. Leaves are smooth and very dark green. The stalks and mid ribs are broad and white. Very attractive and more easily cleaned than Lucullus. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c, postpaid.

"I sent for some aster seeds from you last year and they were beautiful in spite of the drought."—Mabel F. Boling, Illinois.

"Every one of your seeds I planted has come up it seems doublefold. My garden looks fine. Thanks to Olds."—Mrs. M. Edge, Illinois.



Black Beauty Egg Plant.

## EGG PLANT

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried.

181. **★BLACK BEAUTY.** The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.15; lb., \$3.50, postpaid.

180. **NEW YORK IMPROVED PURPLE.** The favorite market variety. Plant is large and spreading. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.15; lb., \$3.50, postpaid.

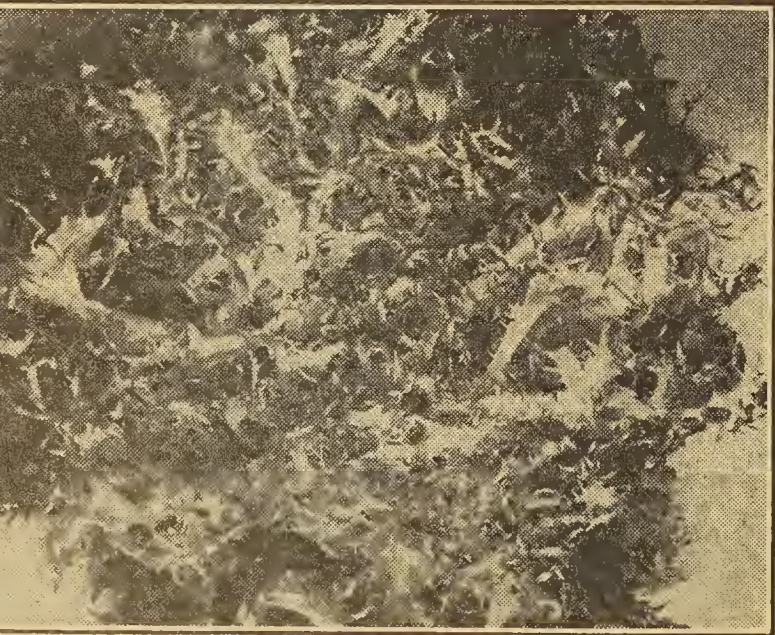
## ENDIVE

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups.

185. **GREEN CURLED.** Dark green leaves; blanches white. Very attractive.

186. **WHITE CURLED.** Leaves finely cut and almost white. Fine for salad.

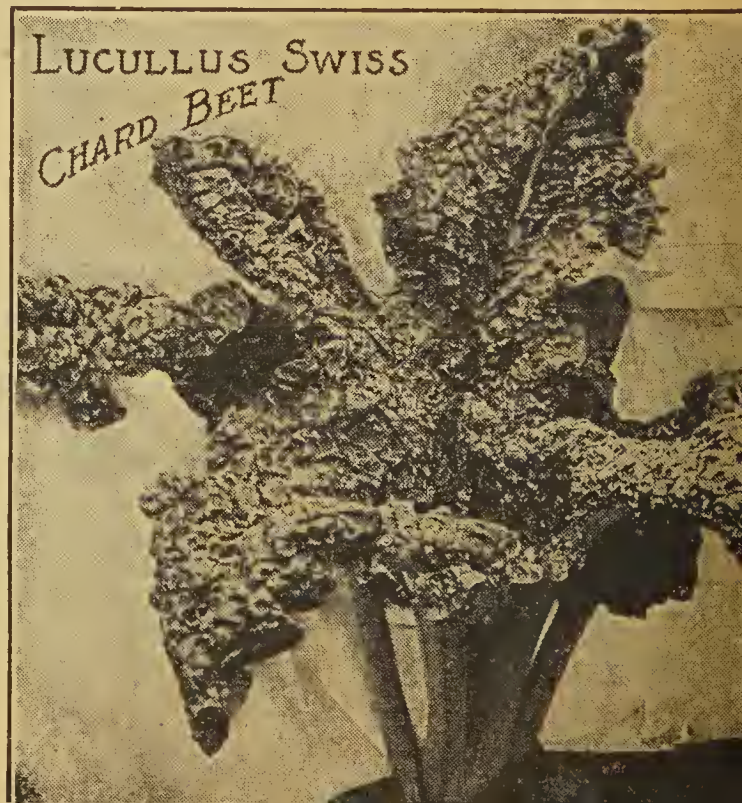
187. **BROAD-LEAVED BATAVIAN.** Leaves very broad. All varieties. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10, postpaid.



White Curled Endive.



Brussels Sprouts.





# FOR EVERY GARDEN

## MUSHROOMS.

A table delicacy you can easily grow.

Mushrooms are not hard to grow. With our Mushroom Spawn and directions we furnish, anyone can grow them in the average cellar. The ash or coal bin can be used for this purpose in the summer. The most important essential is good, fresh spawn. Our spawn is absolutely fresh and it will keep in good condition for a year.

One brick will plant 8 to 10 feet of space. Complete cultural instructions with each order. White or cream. 1 brick, 35c; 3 bricks, \$1.00; 5 bricks, \$1.50, postpaid. Not postpaid: 10 bricks, \$2.25; 25 bricks, \$5.00; 100 bricks, \$18.00.

## SALSIFY OR VEGETABLE OYSTER

397. **MAMMOTH SANDWICH ISLAND.** This is the best variety of Salsify; in fact the only one worth considering. The roots are long, smooth and straight. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

Recipe for use: Scrape the roots clean, cut up and boil in water. When cooked soft, (do not drain) add milk and flavoring, the same as for oysters.



Kale.

## KALE

Kale is usually grown for greens and is also used here in the north as winter green feed for chickens.

201. **DWARF CURLED SCOTCH.** Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.



Salsify.

## KOHL RABI.

Kohl Rabi has a turnip and cabbage flavor. The bulb, which is formed above the ground, is cooked when young and tender like turnips.

205. **★EARLY WHITE VIENNA.** Probably the best early variety. Small tops. Medium size, handsome, white bulbs. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

206. **PURPLE VIENNA.** A popular purple variety for table use. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

## OKRA.

The long pods are used in soups and salads.

278. **EARLY DWARF LONG POD.** An early dwarf growing variety producing an abundance of long fruited, dark green, four-inch pointed pods. Seed of this variety can be planted in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

## MUSTARD.

Used for greens and salads.

257. **SOUTHERN GIANT CURLED.** Most popular variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c, postpaid.

259. **MUSTARD SPINACH OR TENDER GREEN.** This is an Oriental type of mustard which is now grown for greens. It is a very desirable quick growing, tender variety with long, broad, smooth leaves and white midribs. The leaves are usually ready for cutting in 3 to 4 weeks after planting. Dry weather will not injure the crop. The flavor of this new vegetable resembles Spinach with a very mild mustard taste. The best summer green. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.

## LEEK.

Leeks belong to the onion family and are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** Large, thick stems. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

## GARDEN HUCKLEBERRY.

200. **★GARDEN HUCKLEBERRY—WONDERBERRY.** A wonderful, prolific plant needing same culture as tomatoes. When ripe the berries are about one inch in diameter, of shining black color. They make delicious pies, preserves and jam. Fruit is non-edible when not fully ripened. Recipe for use on each packet. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.



Okra.



Olds' Mustard Spinach.  
(40 days from seed.)



Early White Vienna Kohl Rabi.



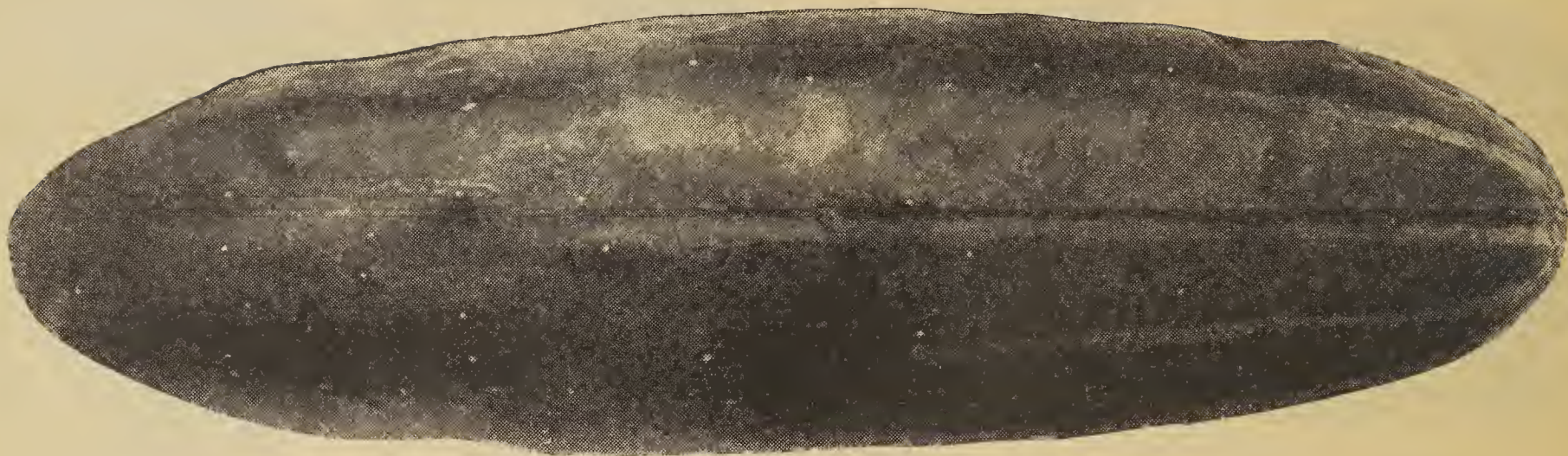
Leek.  
—17—



Garden Huckleberry.



# OLDS' CUCUMBERS



Early Fortune.

**CULTURE:** Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears, thin to 3 plants to the hill. Hi-Caps will hasten growth and protect plants. See inside back cover. A packet will plant 12 to 15 hills, two pounds one acre. Be sure and have the ground free from clods in growing long varieties. This will insure straight fruits. Use Slug Shot for the striped bugs. See page 39 for prices on larger amounts.

160. **EARLY FORTUNE.** (65 days.) Generally considered the finest type of all the White Spine varieties of cucumber. We call it one of the best cucumbers ever introduced; very productive and disease resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. A leading market variety and also splendid for the home garden. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00, postpaid.



164. **SELECT WHITE SPINE.** (65 days.) We think this is the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

159. **EARLIEST WHITE SPINE.** The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

156. **EARLY GREEN CLUSTER.** (55 days.) A small variety, about 6 inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

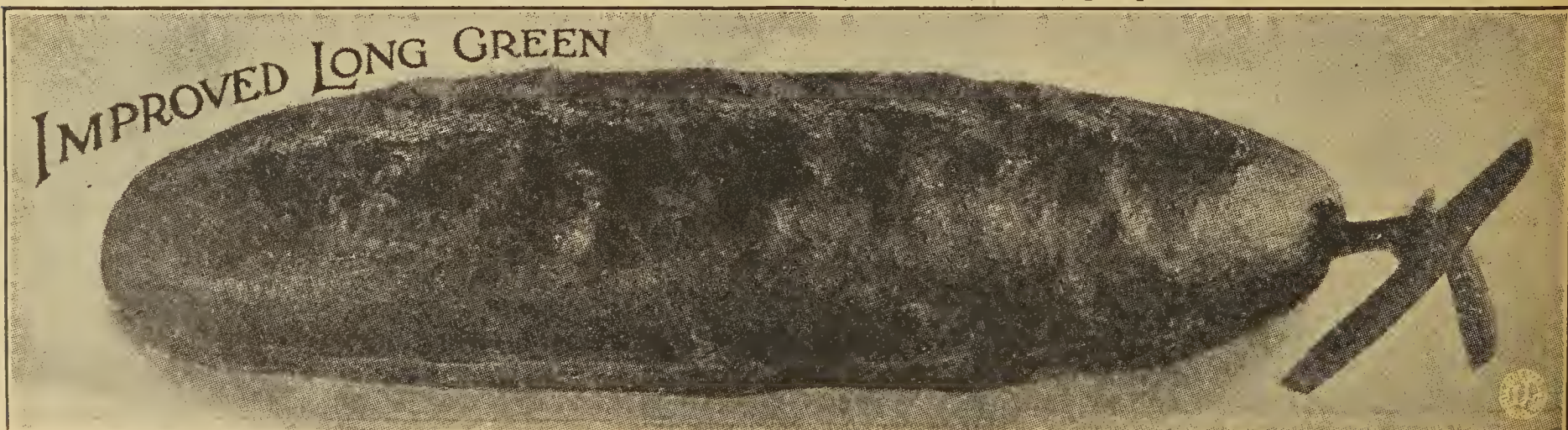
163. **STRAIGHT EIGHT.** Our new cucumber which is described on page 4. A fine home and market variety. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.00, postpaid.



158. **★OLDS' IMPROVED CHICAGO PICKLING.** (59 days.) Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c, postpaid.

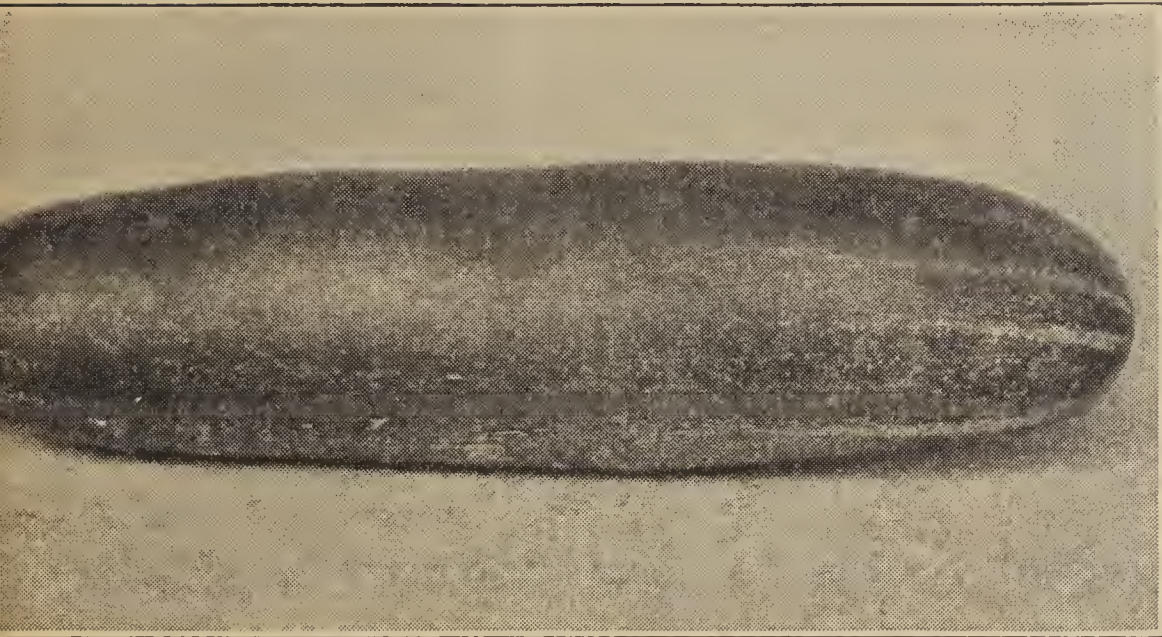
169. **★DAVIS PERFECT.** (65 days.) White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage; medium late. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

165. **IMPROVED LONG GREEN.** (70 days.) A standard main crop, black spine, table and pickling variety. One of our largest sellers. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.





# OLDS' CUCUMBERS, GOURDS AND HERBS



**Barteldes.**

161. **BARTEDES.** (65 days.) A smooth, spineless, dark green cucumber measuring about 10 inches long by 3 inches in diameter, tapering only slightly towards each end and rounded abruptly at both ends. Fine quality and fine in appearance. Flesh crisp white; few seeds. Its value is chiefly in the dark, waxy green color which makes it specially desirable for market or shipping. Will keep ten days in good condition after picking. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

168. **★EARLY RUSSIAN.** (52 days.) The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease. Black spines. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.



**Stays Green.**

157. **STAYS GREEN.** (60 days.) A popular early, dark green cucumber, grown extensively in the South for Northern markets. It is a white spine variety; fruits symmetrical, nearly square ended, averaging 8x3 inches in size. Stays Green, holds its deep green color longer than any other cucumber. The flesh is clear white, crisp and solid and contains very few seeds. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

## GOURDS.

190. **CALABASH.** The gourd used in making the Calabash pipe. Pkt., 10c; oz., 25c, postpaid.

191. **DIPPER.** The old long handle dipper was made from this variety. Pkt., 10c; oz., 20c, postpaid.

192. **NEST EGG.** Resembles a nest egg. Pkt., 10c; oz., 20c, postpaid.

193. **HERCULES CLUB.** Edible, ornamental and useful. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

194. **ORANGE.** Resembles a large orange. Pkt., 10c; oz., 20c, postpaid.

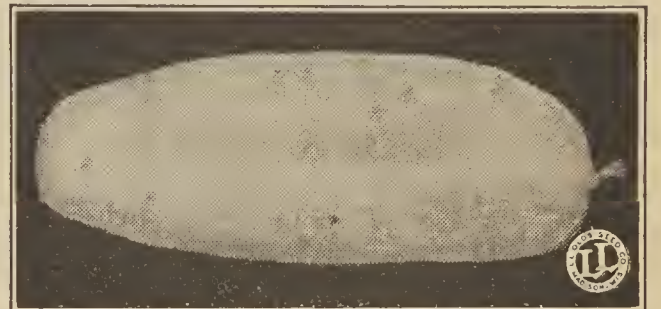
195. **PEAR.** Pear shaped. Pkt., 10c; oz., 20c, postpaid.

199. **MIXED GOURDS.** This mixture contains a very wide range of colors, shapes and sizes. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.



**Longfellow.**

172. **LONGFELLOW.** (70 days.) The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. White spines. The color is dark green and will remain so until ripe. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



**White Wonder.**

171. **WHITE WONDER.** (60 days.) A beautiful snow-white cucumber that retains the white color when fully ripe. Smooth, 8 to 10 inches long, and very uniform. The flavor is very pleasing and the flesh firm and crisp. White Wonder is a heavy bearer and is fine for slicing and pickles. Will attract attention wherever shown. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

## OLDS' HERBS

480. **ANISE.** The leaves of this herb are finely fringed; used in garnishing and flavoring. Pkt., 5c; oz., 15c.

481. **BALM.** The leaves are very fragrant; used to flavor summer drinks. A perennial herb. Pkt., 10c; oz., 50c, postpaid.

482. **BORAGE.** The leaves are used for flavoring cordials. It is also excellent as bee food. It grows freely; has beautiful sky blue flowers. Pkt., 5c; oz., 20c, postpaid.

483. **CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt., 5c; oz., 20c; ¼ lb., 40c, postpaid.

484. **CORIANDER.** An annual herb. The seeds are used in pickles and confectionery. Pkt., 5c; oz., 15c.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

486. **HOREHOUND.** Leaves are used in confectionery and for seasoning. Pkt., 10c; oz., 30c, postpaid.

487. **LAVENDER.** A hardy perennial. Leaves are used for seasoning and the dried leaves for sachets. Pkt., 5c; oz., 25c; ¼ lb., 75c, postpaid.

489. **MARJORAM.** Sweet. Tops green or dried, used for flavoring soups. Pkt., 5c; oz., 25c, postpaid.

490. **ROSEMARY.** A perennial herb with a fragrant odor. The leaves are used for flavoring soups and meats. Pkt., 10c; oz., 75c, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 5c; oz., 30c; ¼ lb., 90c, postpaid.

494. **SUMMER SAVORY.** Annual herb. Dried leaves and flowers are used for flavoring soups and dressings. Pkt., 5c; oz., 20c; ¼ lb., 60c, postpaid.

488. **SWEET FENNEL.** A perennial herb. Seeds are used in confectionery. The young shoots can be eaten raw or used in soups and salads for flavoring. The plants grow about three feet high with large yellow flowers. Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.

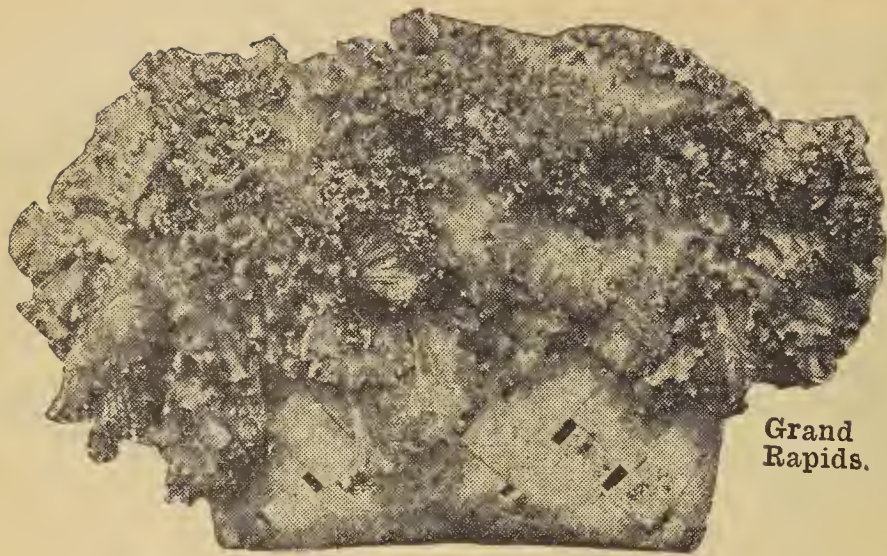
496. **THYME.** Perennial herb. The leaves and shoots are used for seasoning and flavoring sausage and other meats. Pkt., 10c; oz., 40c; ¼ lb., \$1.10, postpaid.

498. **WORMWOOD.** Perennial herb. The dried leaves are used as a poultry tonic. It has a fragrant, spicy odor and a bitter taste. Pkt., 5c; oz., 25c; ¼ lb., 75c.

499. **MIXED HERBS.** A mixture of all varieties. Pkt., 5c; oz., 20c; ¼ lb., 60c, postpaid.



# OLDS' LETTUCE

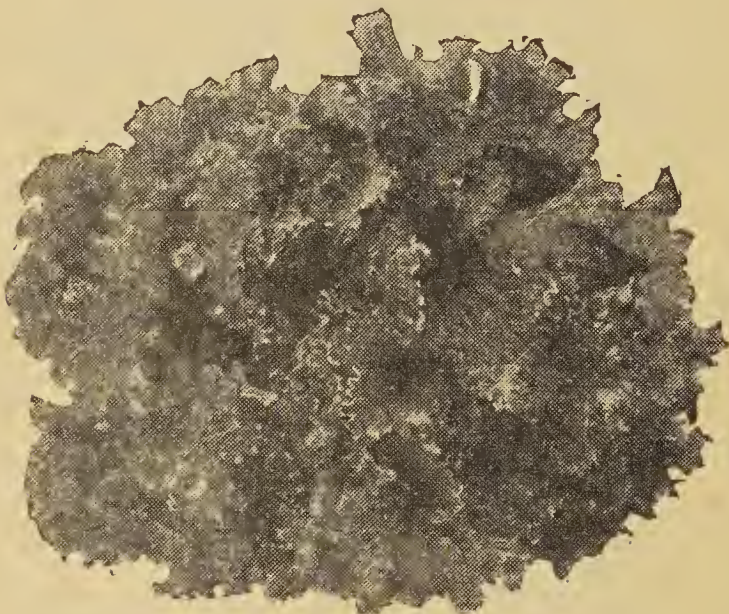


Grand Rapids.

215. **★GRAND RAPIDS.** (Olds' Earliest Forcing.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

221 **★OLDS' OAKLEAF.** A distinct type of lettuce and one of our specials. Olds' Oakleaf Lettuce forms a close center, but with rather loose outside leaves; medium size and medium green. The leaves are deeply lobed and the middle lobe is long like a finger giving the plant a peculiar appearance. The quality is excellent. Crop failed. No seed available this year.

234. **OLDS' LETTUCE MIXTURE.** Consists of a splendid assortment and contains early, second early and late lettuce; loose-leaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown. Pkt., 3c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.



Black-Seeded Simpson

219. **BLACK-SEEDED SIMPSON.** Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

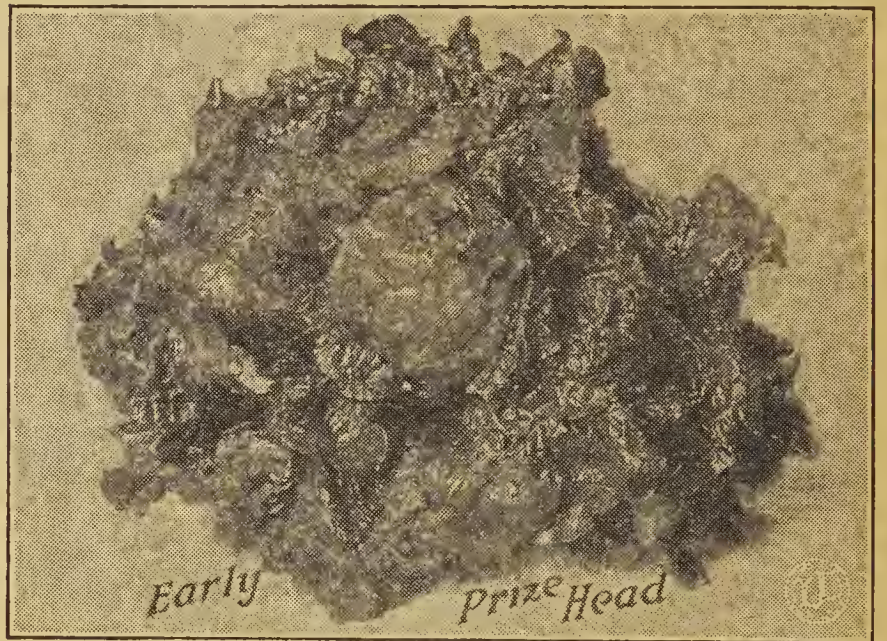
230. **CHICKEN LETTUCE.** A medium green, loose curly leaf lettuce that grows tall. Leaves are thick with straight edges. The largest lettuce in cultivation, especially at maturity when it begins to seed. Used for feeding pets, chickens, and also for pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

"Last spring one of my daughters gave me a Dahlia bulb of your Sagamore for a Mother's Day present. It sure was a beauty and a sensation in our community. People came from far and near to see it after it got known what a nice Dahlia I had. The first flower measured twenty inches around and eleven inches across from tip of petal to tip. It was a little larger than the rest of the flowers, but they were also large enough to be wonderful. This year I won first prize in our community yard and garden contest and third in the county. I sure had a lot of nice flowers and vegetables, although we had a very dry summer."—Mrs. L. E. Hanson, Minnesota.

**CULTURE:** A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart.

It is necessary to have cool weather for lettuce to head up well and the earlier the plants can be started in the field the surer you are of a crop. Head lettuce can be again planted in the fall and will head up well during the cool fall days.

Lettuce is an exceptionally good green food for chicks and the plants that are thinned out can be used for that purpose. Our packets each contain enough seed to sow 25 or 30 feet. Three pounds will sow an acre. Those marked with a star are varieties which we especially recommend. Ask for our leaflet on lettuce culture. If you are in the market for large quantities of seed consult our Market Gardeners' Price List on page 39.



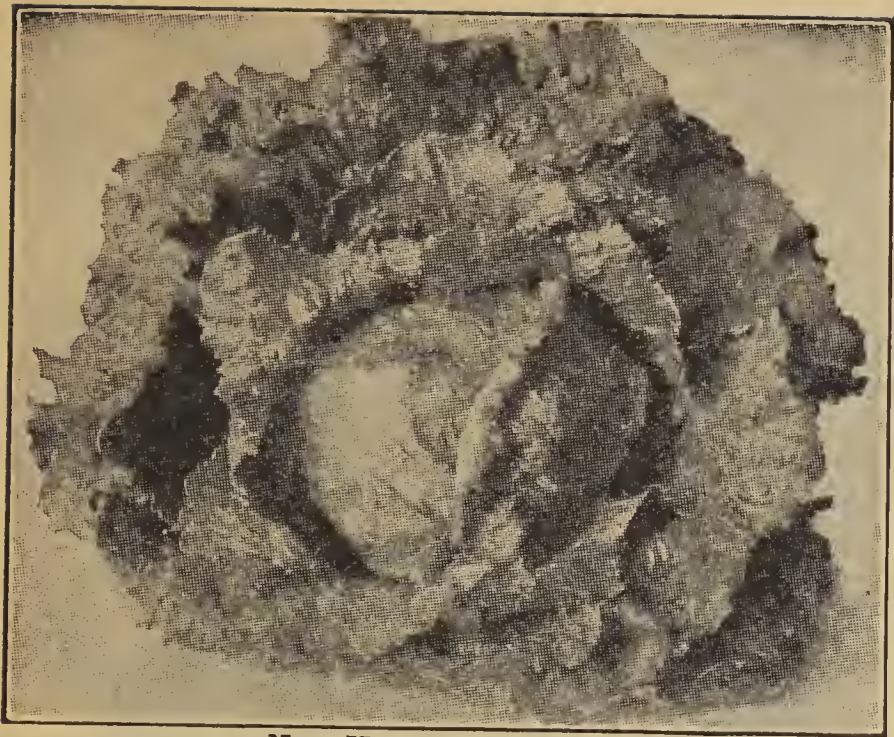
220. **★EARLY PRIZEHEAD.** One of the best known and most popular varieties in America. It is not a head lettuce but a curled, crisp, loose-leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.



Paris White Cos.

231. **PARIS WHITE COS.** The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self-blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.





New York or Wonderful.

218. ★**NEW YORK NO. 12 OR WONDERFUL.** (70 days.) The largest head lettuce of all and the most popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Ready for market in 65 to 70 days from planting time. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.



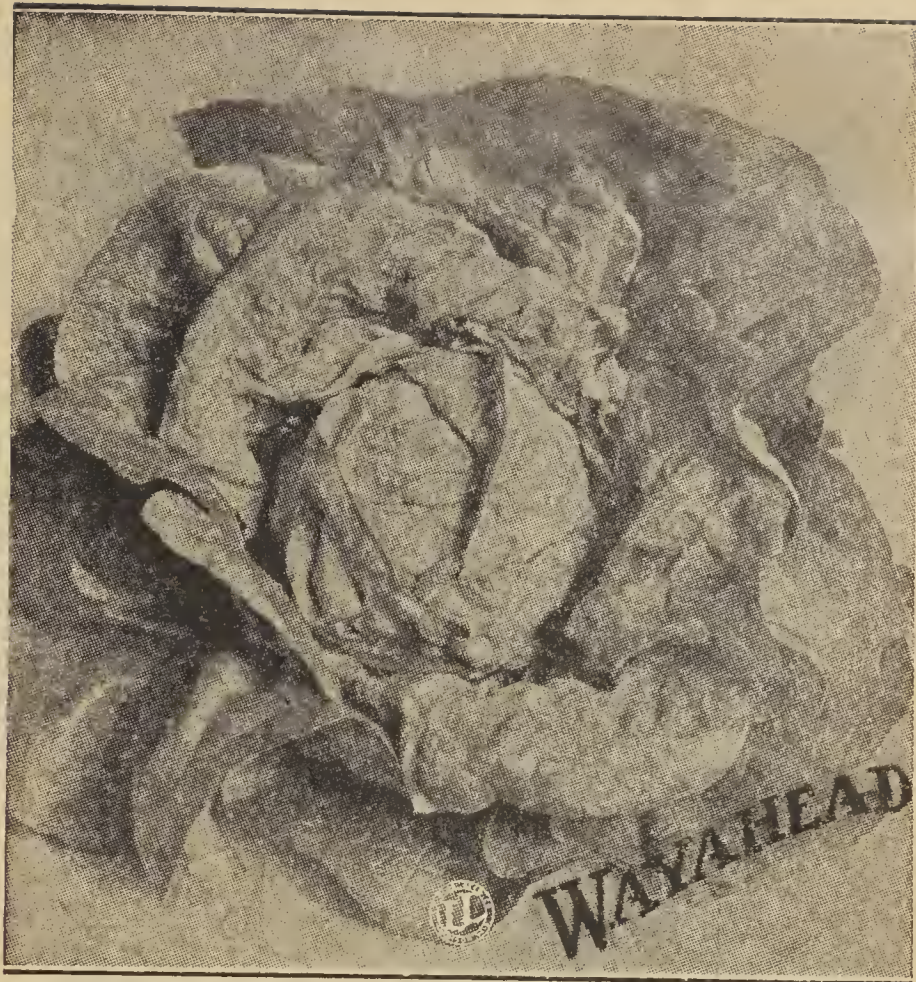
May King.

227. ★**MAY KING.** (63 days.) A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best extra early-heading sorts. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.10, postpaid.



Iceberg.

216. ★**ICEBERG.** (84 days.) A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Very popular in the Northwest. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.10, postpaid.



232. ★**WAY AHEAD.** (63 days.) In our trials Way-ahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery yellow. Tender, brittle and sweet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

217. **HANSON'S IMPROVED.** (80 days.) The old reliable sure heading variety. Hardy, globular, large and light colored. Leaves fairly large, blistered and crumpled. Color light green. Quality good. This variety will withstand the hot season better than most sorts and is a slow seeder. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.



Big Boston.

222. **BIG BOSTON.** (76 days.) A popular head lettuce. One of the most largely grown varieties in cultivation, early, hardy, with brittle head tending to a golden yellow. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

### OLDS' CHILDREN'S COLLECTION

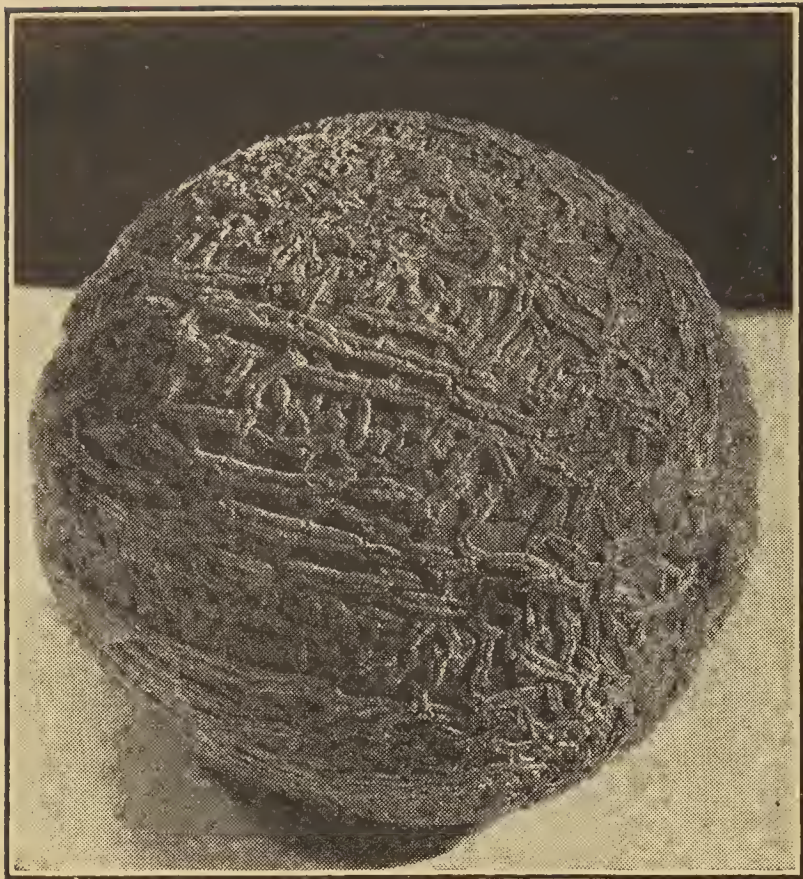
Here is a collection of items that will delight the children. One full size packet each of Mammoth Virginia Peanuts, South American Mushroom Pop Corn, Klondike Watermelon, Mixed Annual Flower Seeds. All for 15c, postpaid.

"I have been a satisfied customer over 35 years as I have bought my garden and field seeds from you ever since Hammonds seed house burned down."—Mrs. Jessie Whitacre, Michigan.

"Just a few lines to tell you what big carrots we had from your seed last year to see if anyone else ever beat that. 19½ inches long and 8 inches around. Very tender and sweet."—Mrs. H. Juedes, Wisconsin.



# OLDS' MUSKMELONS



Honey or Sugar Rock.

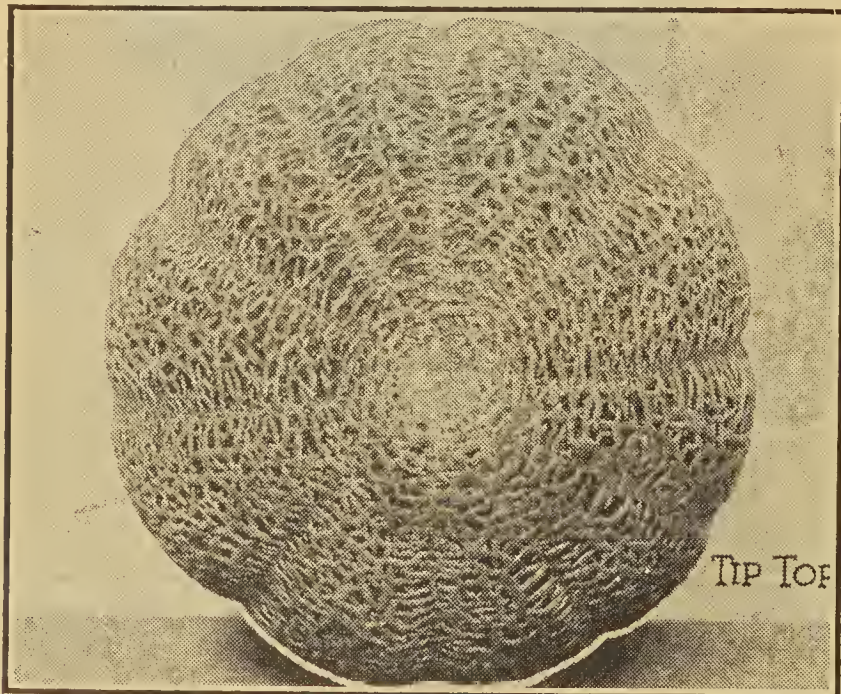
251. **HONEY OR SUGAR ROCK.** (90 days.) This melon has four outstanding characteristics—quality, productiveness, ability to stand shipping and striking appearance. It has won its way also by its outstanding sweetness.

The Honey or Sugar Rock has a deep orange flesh and a flavor different from other sorts. It cannot be appreciated without being tasted. The fruits are oval and medium in size, not ribbed. This melon is not as large as the Milwaukee Market but is sweeter. Can be picked ripe and shipped long distances in perfect condition. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.30, postpaid.

253. **HONEY DEW.** (110 days.) A distinct melon of the Casaba type. Smooth-skinned, of a light cream color. Melons 8 to 10 inches in diameter. Flesh green and very sweet. Late. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

238. **★EMERALD GEM.** (85 days.) A splendid early melon for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the ends. The flesh is pink, very sweet and highly flavored and the fruits of convenient size with a small seed cavity. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.

248. **BANANA.** (100 days.) A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. 14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and of fair quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

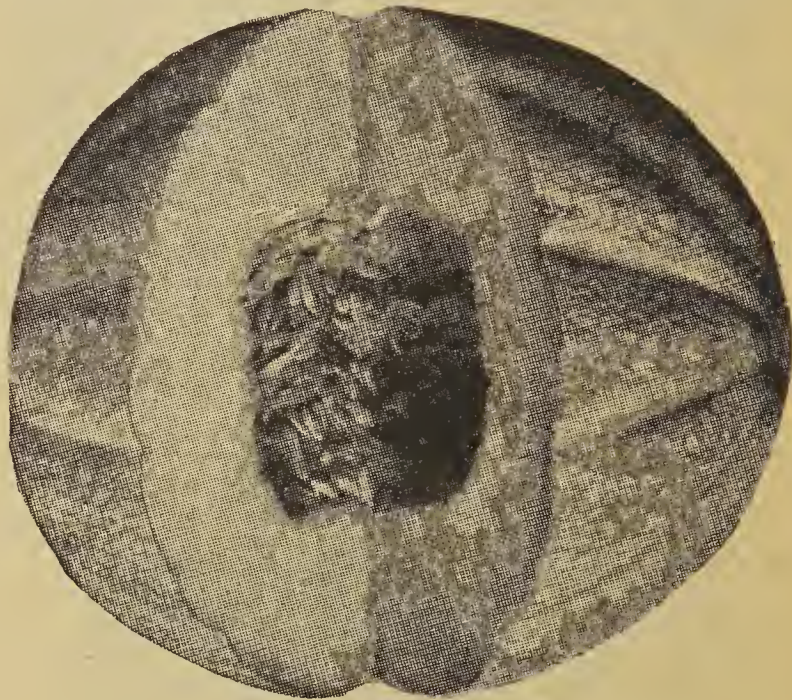


TIP TOP

254. **TIP TOP.** (90 days.) Tip Top in quality, appearance and productiveness. Skin pale green ribbed and lightly netted. Flesh deep salmon, sweet and spicy, fine flavored and eatable to the rind. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

Our muskmelon seed is all northern grown and all our seed is taken from first set crown fruits. The seed is all cut by hand and melons not true to type are discarded. Our costs are 50% greater than the ordinary field culture.

**CULTURE:** Muskmelons like a warm, rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. Fertilizer worked into the soil is a great help. Muskmelons can be started in paper pots and transplanted to the open field. In this way you gain 2 to 3 weeks in earliness. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre. For larger amounts than quoted, see page 40.



Milwaukee Market.

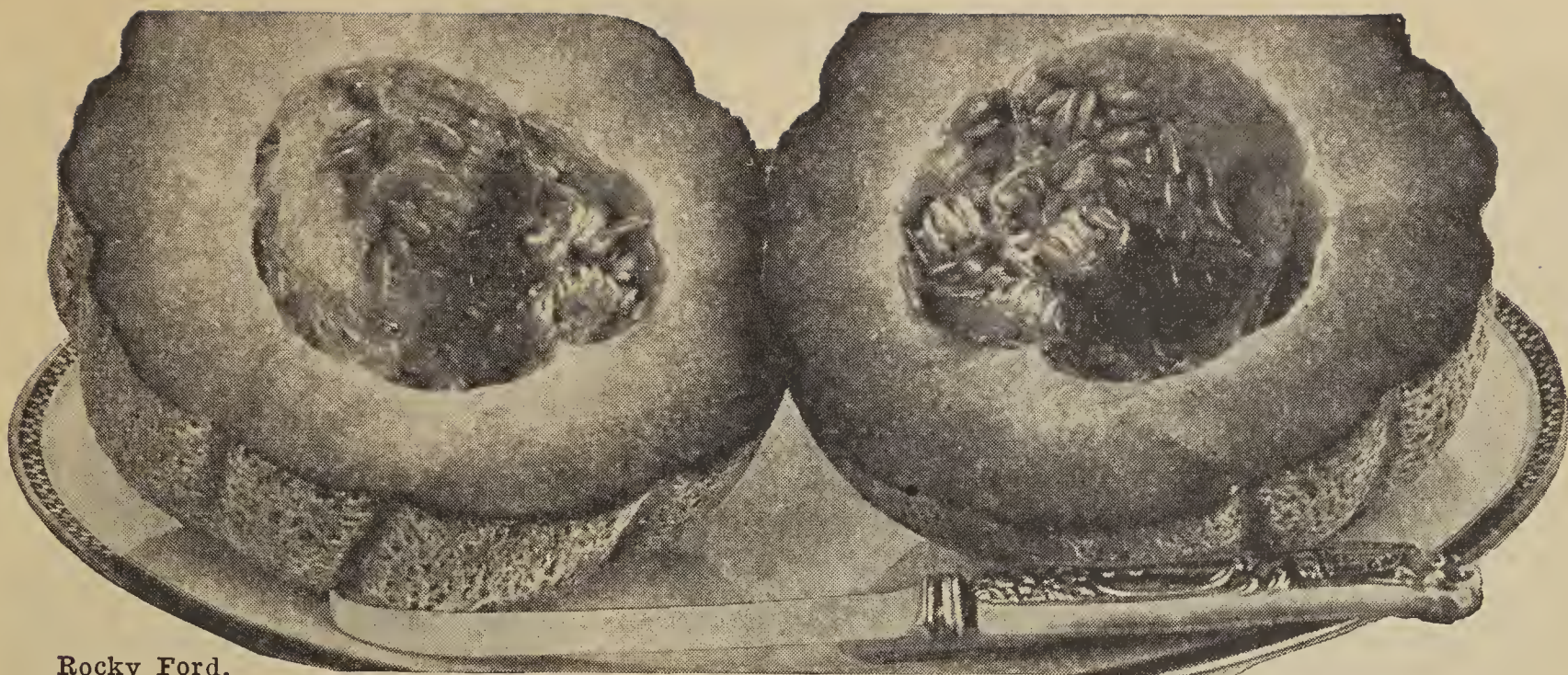
241. **★MILWAUKEE MARKET.** (90 days.) One of the best melons for both market and home garden. Prolific, vigorous in growth and delicious in flavor. This melon is now more largely grown, in this section at least, than any other variety. The skin is light green, fruits nearly round with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Our largest seller. Seed is taken from the first set crown fruits. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.



235. **★LAKE CHAMPLAIN.** (78 days.) The extra early melon. On our trial grounds, the earliest in fact of all varieties. Lake Champlain is a round to oval melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. A very fine extra early quality melon for the home garden. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.

247. **HEARTS OF GOLD OR HOODOO.** (94 days.) (Improved Hoodoo.) One of the finest types of the early, small salmon-fleshed melons. The melons are round, weighing about 1½ pounds each; lightly ribbed with a fine gray netting; flesh sweet, very thick, deep salmon color; seed cavity, very small. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.





Rocky Ford.

244. **ROCKY FORD.** (92 days.) Just the right size to serve in halves. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green, of the finest quality; good shipper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

247½. **GOLD LINED ROCKY FORD.** (95 days.) A splendid type of the green-fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.



Early Knight.

237. **EARLY KNIGHT.** (82 days.) (Sweet Air.) Extremely popular with eastern growers. It is a happy combination of earliness, productiveness and quality. The melons are nearly oval in shape; densely netted; of good size, with thick, medium green flesh that is very luscious. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

240. **EXTRA EARLY OSAGE.** (90 days.) About a week earlier than Osage, the standard high quality melon for home use. Salmon-fleshed, spicy. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

243. **BENDER'S SURPRISE.** (95 days.) A delicious, large, salmon-fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.35, postpaid.

Use Hi-Caps for early melons. See inside back cover.



239. **SELECT OSAGE.** (95 days.) An oval-shaped, salmon-fleshed melon, exceptionally thick-meated, and spicy. The Osage has a reputation for quality ahead of all other varieties. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

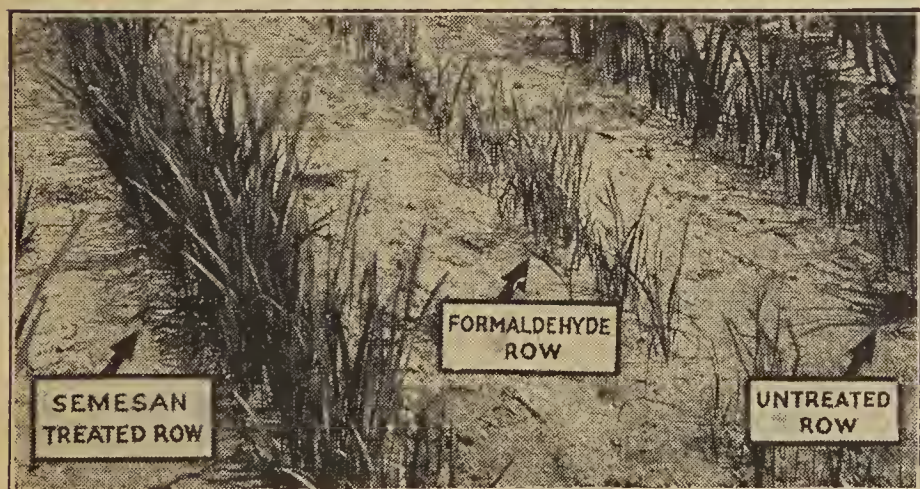
## TREAT SEEDS and BULBS WITH SEMESAN

### Semesan Controls Disease and Increases Yield

Prevent the many damaging diseases of flowers and vegetables that are carried on the seed and in the soil, by disinfection of the seed with Semesan. It destroys the destructive diseases on the seed and protects them from the rots in the soil, which results in increased stands of more vigorous, healthy plants that yield larger, quality crops. Sprinkling of the seedling beds with Semesan solution effectively prevents damping-off. Recommended especially for seeds, bulbs, gladiolus corms, dahlia tubers, and rose bushes. Easily applied as a liquid or dust. One ounce treats 15 to 30 pounds of seed. Directions in every can.

Prices: 2-oz. size, 50c; by mail, 55c; 1-lb. size, \$2.50; by mail, \$2.60; 5 lbs., \$11.75; by mail, \$12.00; 25 lbs., \$46.25. Free pamphlet.

"The seed we got from you this spring all came up fine and every seed must have grown as each row is crowded with plants of fine size. The peas are fine in size, quality, and abundance. We got clover seed of your local dealer at Hollandale and we have been farming over thirty-four years and never had such a crop before. Just immense, great."—Mrs. John H. Bond, Wisconsin.



The Semesan-treated gladiolus row produced more and larger plants than the formaldehyde-treated and untreated rows.

"I wish to report on the sample packet of Olds' Oakleaf lettuce you sent me last year. This lettuce had the most delightful flavor of all the many varieties of lettuce I have ever tried. Given proper space, say eight or ten inches, in which to grow, it forms a magnificent bunch of the most delicious leaves."—R. B. Kelchuer, Okla.

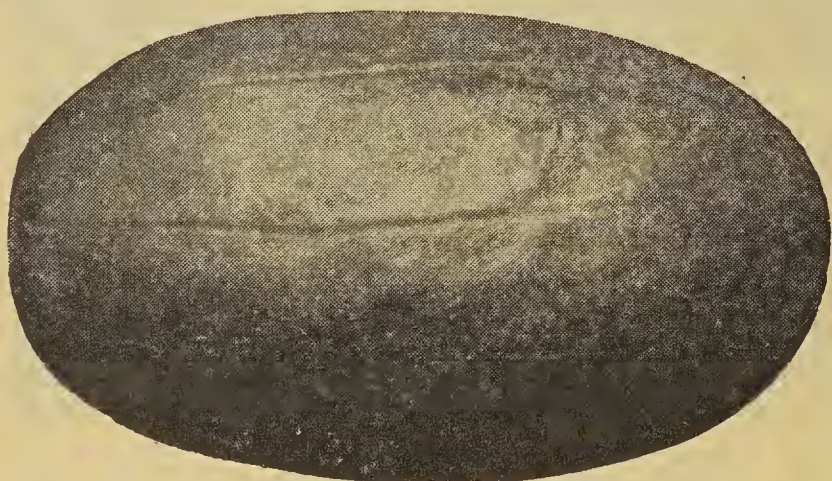


# OLDS' WATERMELONS



Kleckley's Sweet or Monte Cristo.

270. ★**KLECKLEY'S SWEET.** (80 days.) (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well-known, medium early variety. It is a medium-sized, dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. Seeds white. A wonderfully satisfactory variety for home gardens and near-by markets. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.



Klondike.

270½. ★**KLONDIKE.** (80 days.) (Dark Seeded.) We have discarded the old stock of Klondike for the new dark seeded type. This is, we think, a better strain. We consider Klondike the best early melon and the very sweetest of all melons. The rind is dark green, shape long; very symmetrical; flesh distinct shade of red. Seeds small. It is very sweet, crisp and tender. Ripens very early and is a heavy yielder. Our favorite melon. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



Halbert Honey.

273. ★**HALBERT HONEY.** (85 days.) An excellent, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping. Seeds white. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c, postpaid.

Our Watermelon seed is all northern grown. This seed is the best for planting in the north. Each packet contains seed enough for 8 to 12 hills. Four to five pounds will plant an acre. Do not plant too early and plant in sandy soil if you have it. Hi-Caps will produce earlier melons. See inside back cover. It pays well to use fertilizer for melons.

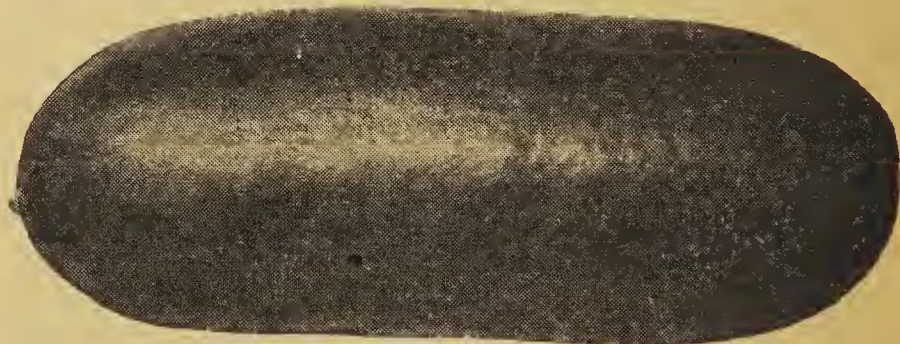
**CULTURE:** Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use Slug Shot to kill insects. See page 93. For larger amounts of seed see page 40.



Olds' Sweetest and Earliest.

264. ★**OLDS' SWEETEST AND EARLIEST.** (70 days.) This melon is the sweetest and earliest of all. The size is medium and does not exceed more than 15 pounds in weight. Flesh scarlet, of extra fineness and sweetness and entirely free from stringiness. We do not recommend it for commercial planting, however, as it is most too small. For the home garden and where the season is short it cannot be beat. The rind is mottled with several shades of green. Seeds white. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 80c, postpaid.

275. **CITRON.** (95 days.) Colorado Preserving. Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c, postpaid.



Tom Watson.

271. **TOM WATSON.** (90 days.) The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Seeds brown. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c, postpaid.

260. **STONE MOUNTAIN.** (90 days.) A very popular melon in the South where it originated and one of the finest we have ever eaten. This melon is very large, round or blocky in shape. The flesh is rich scarlet, very sweet, with few seeds. Seeds white. A prolific melon but not recommended for shipping long distances. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.

263. **FORDHOOK EARLY.** (75 days.) An extremely early variety. Perhaps no other variety is so well adapted to the home garden, for it may be planted in hills as close as 6 feet each way. Its value to the home gardener in the North is, in fact, largely in its earliness. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Seeds white. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

"I have sent to your company for seeds for over thirty years and I have been very well satisfied every time. My parents sent to your company for years before I ever sent to your company for seeds. Your seeds and plants are far superior to seeds and plants I have gotten from other companies. I hope that my children will send to your company for their seed needs when they have places of their own."—Mrs. Emery Miller, Wisconsin.



# OLDS' WATERMELONS and MANGELS

**261. SWEETHEART.** (90 days.) A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. Black seeds. A very popular variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**267. ★ICE CREAM or PEERLESS.** (85 days.) A well-known old favorite and a standard home melon. Extra early, of medium size, short oblong in form; rind thin, light green in color, mottled and veined with a darker shade; bright scarlet flesh, wonderfully sweet and delicious; seeds white. Highly regarded by thousands of home gardeners all over the North. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**262. ★COLE'S EARLY.** (75 days.) One of the earliest of all melons and one of the best. It is medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, of excellent quality, firm and delicious. Seeds black. Nothing surer than this variety for hard situations in Northern latitudes. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**272. GOLDEN HONEY.** (90 days.) The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and handsome appearance. The skin is green with irregular stripes of darker green. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., 80c, postpaid.



Winter.

**276. WINTER.** (85 days.) This melon is early, very prolific, almost round; color, light green. The flesh is red, sweet; almost as hard as a citron. If properly stored will keep for months. It is now becoming very popular on the market. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., 80c, postpaid.

## OLDS' MANGELS

Mangels are highly nutritious and easily stored for winter. Greatly relished by all live stock and poultry. They are as digestible as grain; no silo is required. Mangels will save one-half the grain feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; 6 pounds an acre.

Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted, see **Market Gardeners' Wholesale Price List**, page 39.

Ask for Wisconsin Bulletin No. 330, "Root Crops Are Profitable."

**55. ★MAMMOTH LONG RED.** The most widely grown mangel. Yields up to 40 tons per acre, the large roots often weighing 15 pounds each. They frequently grow two feet or more long, with  $\frac{1}{2}$  to  $\frac{2}{3}$  of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; 5 lbs., \$2.10, postpaid.

**56. GOLDEN TANKARD.** Large roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; 5 lbs., \$2.10, postpaid.

**59. ★DANISH SLUDSTRUP.** This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c;  $\frac{1}{4}$  lb., 23c; lb., 60c; 5 lbs., \$2.30, postpaid.

**63. ★GIANT HALF SUGAR ROSE.** Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. One of the most valuable for feeding stock. Oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; 5 lbs., \$2.10, postpaid.

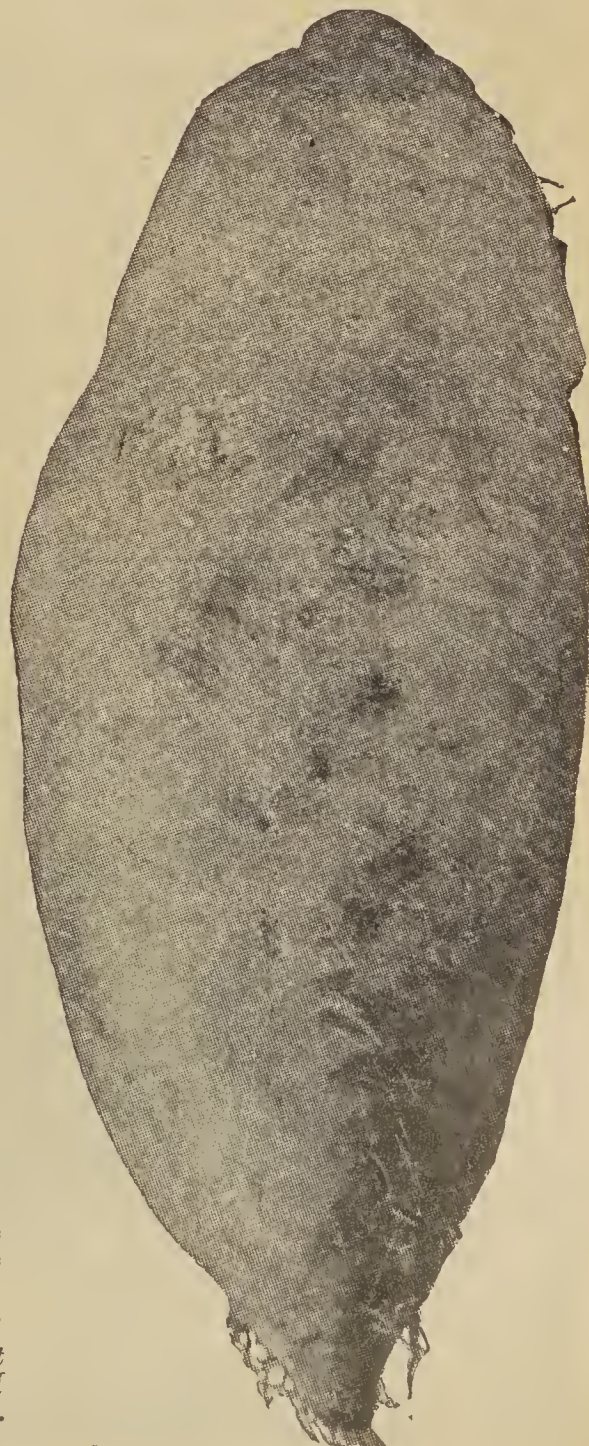
## SUGAR BEET

**61. KLEIN WANZLEBEN SUGAR BEET.** Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. The young beets are fine cooked with red table beets. Cooked this way they turn red and are much sweeter than the garden beet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; 5 lbs., \$2.10, postpaid.

"We have used L. L. Olds' seeds for thirty years at least and they always give perfect satisfaction, so I expect we will always buy from you."—Mrs. M. S. Parker, Pennsylvania.



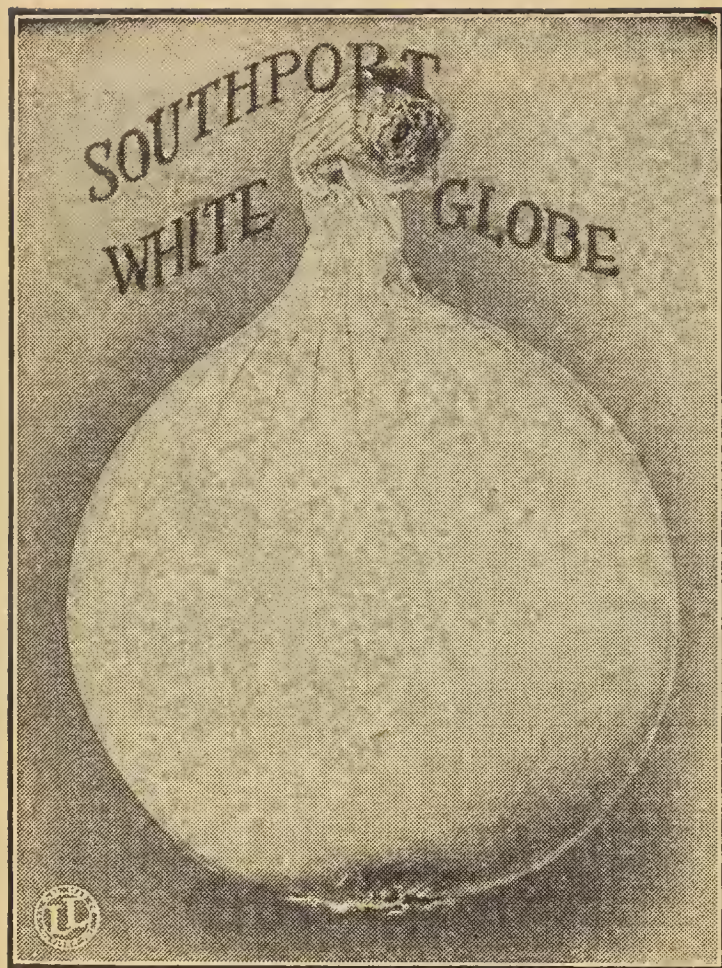
Mammoth Long Red.



Danish Sludstrup.



## OLDS' ONIONS



292. **SOUTHPORT WHITE GLOBE.** A handsome onion with a pure delicate paper white skin. Flesh crisp, fine-grained, snowy white and mild; a good keeper for a white variety. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$2.75, postpaid.

290. **SOUTHPORT YELLOW GLOBE.** A globe shaped onion of fine golden yellow color. Somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50, postpaid.

291. **SOUTHPORT RED GLOBE.** A large, handsome, dark red onion with small neck, small top and of mild flavor. Excellent for keeping qualities. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 70c; lb., \$2.00, postpaid.

300. **SELECT OHIO YELLOW GLOBE.** A selection from the Yellow Globe Danvers made by onion growers in Lake County, Ohio. A highly bred variety valuable on rich, high-ground soils, and we find that it is the best onion for low ground (muck or peat soils). It ripens evenly, is easily harvested, and will not go to necks on low ground as some varieties do. It is globe shaped like the Danvers but a few days later. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25, postpaid.

"This is my forty-third year I have used Olds' seeds. Last year I got my seeds at the store. Never again."—N. V. Kernahan, New York.

Perhaps no crop brings as high returns from an acre of ground as onions. They demand intense cultivation and a lot of hand work. Therefore, a small grower has just as much chance of making good on this crop as a large grower. With a crop of this type, however, you must be absolutely sure of having the best seed obtainable. Our seed is from onion bulbs which are grown exclusively for seed purposes. We do not think there are any stocks better.

**CULTURE:** As early as possible, sow thinly in rows one foot apart, thinning later to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds, using fertilizer if you want a maximum yield. When the bulk of the tops have turned yellow and have fallen over the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. When cool weather arrives store in a cool, dry root cellar. Time required to raise matured onions varies greatly in different sections so we are not giving a schedule of days. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and 4 pounds an acre. For prices on larger amounts see our **Market Gardeners' Price List**, page 40. (See page 32 for Maggot Control.)

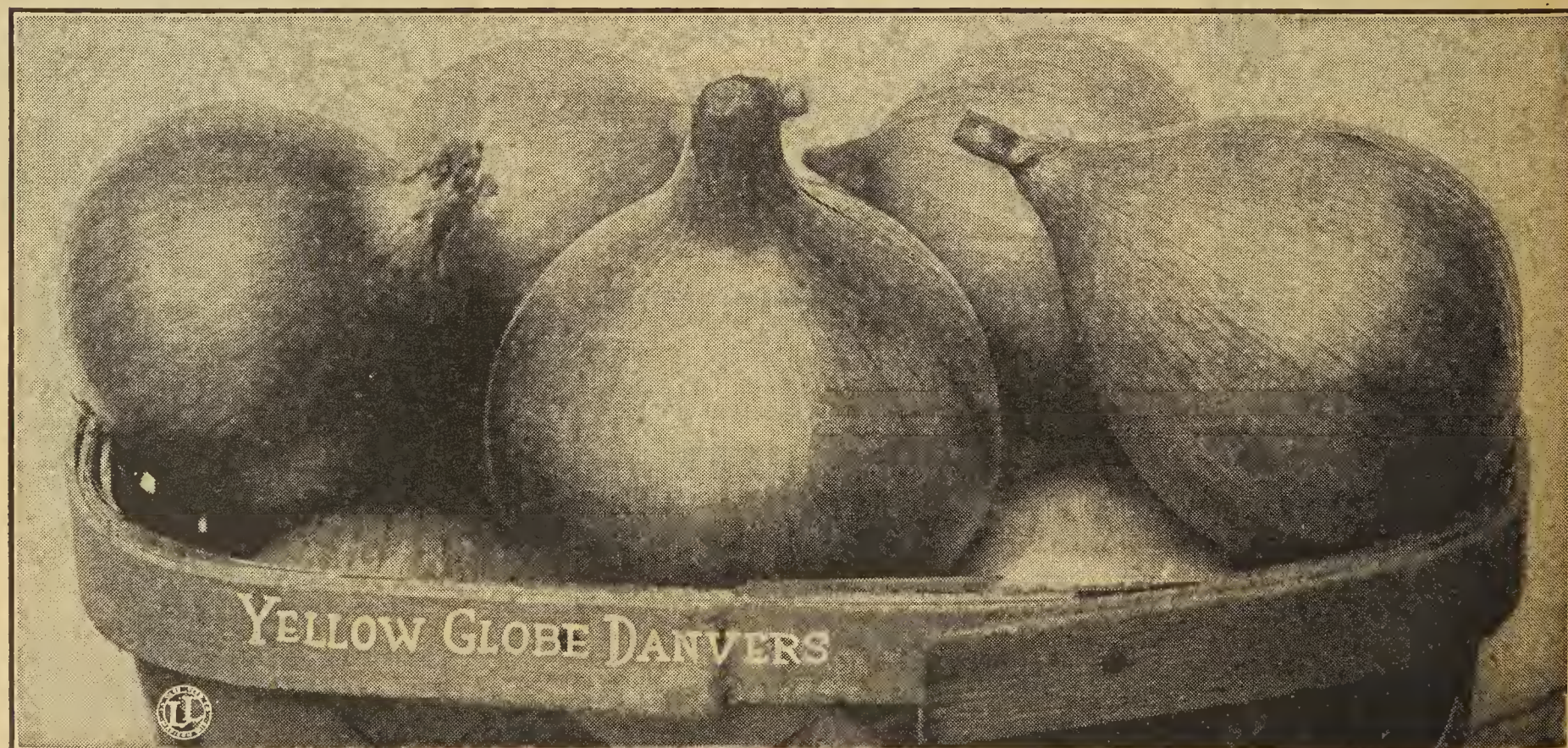
286. **EXTRA EARLY YELLOW GLOBE.** The Earliest Commercial Onion. This onion is ten days ahead of Yellow Globe Danvers and an excellent keeper. The bulbs are deep yellow in color, true globe shaped, and very mild and sweet. Recommended for the Northern States and for a first early market onion. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50, postpaid.

283. **CRYSTAL WAX BERMUDA.** A Bermuda onion. One of the most attractive varieties. It is large, flat, pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50, postpaid.

299. **AUSTRALIAN BROWN.** Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. A good variety to grow for sets. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75, postpaid.

293. **WHITE PORTUGAL.** (Silver Skin.) A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. It is fairly mild, very tender and a good keeper for a white kind. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25, postpaid.

285. **YELLOW GLOBE DANVERS.** Olds' Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25, postpaid.







### 287. EXTRA LARGE RED WETHERSFIELD.

The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$1.90, postpaid.

### PICKLING ONIONS

302. **WHITE BARLETTA.** A very early beautiful white, small, mild onion. Used exclusively for pickling. The skin is very white and exceptionally thin. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50, postpaid.

303. **WHITE QUEEN.** Valuable for early market. Bulbs small, flat, clear white, firm and mild. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50, postpaid.

### FROST PROOF ONION PLANTS



Frost Proof Onion Plants.

Southern Grown Frost Proof Onion Plants have been giving satisfactory results for some years and are well out of the experimental class. We sell a carload of these each year. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall in Texas where they grow out-of-doors during the winter so they are hardy and are ready to be planted early.

One thing sure, you will have to hand weed your onion patch at least once during the season if you plant seed. If you use plants, either of your own growing or our southern grown, you can cultivate and keep ahead of the weeds.

Frost Proof Sweet Spanish Onion Plants. Prices: (bunch about 100 plants), 20c; 2 bunches, 35c; 5 bunches, 70c; 10 bunches, \$1.20; 20 bunches, \$2.25, postpaid. Not prepaid, crate of 60 bunches, \$4.00.

### OLDS' ONION SETS

We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 30 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall.

For larger quantities, see page 40.

**YELLOW BOTTOM SETS:** Lb., 20c; 2 lbs., 30c; 4 lbs., 55c, postpaid.

**RED BOTTOM SETS:** Lb., 20c; 2 lbs., 30c; 4 lbs., 55c, postpaid.

**WHITE BOTTOM SETS:** Lb., 25c; 2 lbs., 40c; 4 lbs., 75c, postpaid.

**EGYPTIAN or WINTER SETS,** for fall delivery only: Lb., 25c; 2 lbs., 40c; 4 lbs., 75c, postpaid. By express or freight: 10 lbs., \$1.10.

"Last year the hot, dry weather burned most of my potatoes as they came through the ground, but still raised a very good crop. I will never raise anything but Olds' White Beauty potatoes."—C. L. Gregory, Iowa.

### SPANISH TYPE ONIONS.

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. For this reason we do not recommend planting them in Northern Wisconsin and similar latitudes. In the central part of this state, however, they do very well.



297. **PRIZETAKER.** Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild, sweet flavor and a fair keeper, ripening evenly. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

288. **AILSA CRAIG.** An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

297½. **GIGANTIC GIBRALTER.** The largest, mildest and sweetest of all onions. Creamy straw-colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Late in season. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.



Sweet Spanish.

298. **SWEET SPANISH.** (Mountain Strain.) An extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over 2 pounds each and when placed on the market will outsell the other varieties at much higher prices. The earliest Spanish onion. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

### GARLIC.

Garlic comes in bulbs which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, ¼ lb., 15c; ½ lb., 25c; lb., 40c; 2 lbs., 70c, postpaid.

### CHIVES.

279. Chives belong in the perennial class of onions. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Only the tops are used in cooking. A pretty plant in the rock garden, with its purple blossoms. Seed: Pkt., 10c; ½ oz., 30c; oz., 50c. Large Clumps: 3 for 50c; 12 for \$1.50.





Little Gem.

## OLDS' GARDEN PEAS

Peas are one of the finest garden vegetables. Do not depend upon one planting. Plant some of the earliest, mediums and latest. The early peas are not usually as sweet as the mid-season or the late varieties and the wrinkled varieties are always much sweeter than the smooth, but the smooth varieties can be planted in the ground a trifle earlier than the wrinkled varieties. The varieties marked \* are the wrinkled varieties. For large amounts see page 39.

**CULTURE:** Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep and 2½ to 3 feet apart as soon as the ground can be worked and for succession, plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. One pound of seed will sow about 50 feet, 120 to 160 pounds should be used for an acre. Use Nitragin on the seed. See page 8.

**329. EXTRA EARLY PREMIUM OR LITTLE GEM.\*** (64 days.) Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. Large pkt. (2 ozs.), 5c; ½ lb., 17c; lb., 28c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

### THREE PEAS FOR SUCCESSION

The following three varieties are splendid for a succession in the home garden. Plant all at one time and it will give you peas over quite a long period. **COLLECTION PRICES:** 1 pkt. of each of the three, 15c; ½ lb. of each, 45c; 1 lb. of each, 75c, postpaid.

**320. WIS. EARLY SWEET.\*** (61 days.) Very similar to the old Surprise but resistant to wilt. The vines are 22 to 30 inches tall, medium green and slender. Pods single, 2¾ inches long, light green, plump, blunt, containing 6 to 7 medium small wrinkled green peas. Tender, firm, and very good quality. Pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

**333. ★ENGLISH WONDER.\*** (65 days.) This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

**326. IMPROVED STRATAGEM.\*** (78 days.) The best large podded, late pea. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Large pkt., (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.



**339. ★LITTLE MARVEL.\*** (62 days.) A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra earlies, with the exception of the New Progress. Large pkt., (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

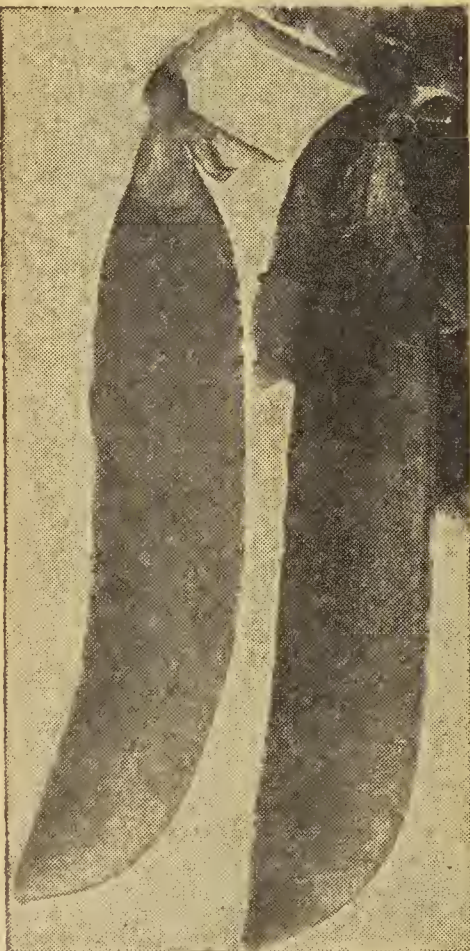
**323. ALASKA.** (60 days.) Earliest of all. A smooth, round, blue pea. Height 2½ feet. The most popular early pea for canning. Large pkt. (2 ozs.), 5c; ½ lb., 17c; lb., 25c; 2 lbs., 45c; 5 lbs., 90c, postpaid.

**324½. ★BLUE BANTAM OR GIANT LAXTONIAN.\*** (62 days.) A new large-podded, dwarf wrinkled pea. Unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green pods with six to eight peas each of excellent quality. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

**336. LAXTON'S PROGRESS.\*** (62 days.) A recent introduction of real merit, and ideal for the home gardener. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green large peas of wonderful flavor. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

**341. MAMMOTH LUSCIOUS SUGAR.\*** (74 days.) Eat pods and all, like String Beans. Pods are stringless. Vines 5 feet high. Seeds large, gray, and wrinkled. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

**325. ★NOTT'S EXCELSIOR.\*** (62 days.) Height 15 inches. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10 postpaid.

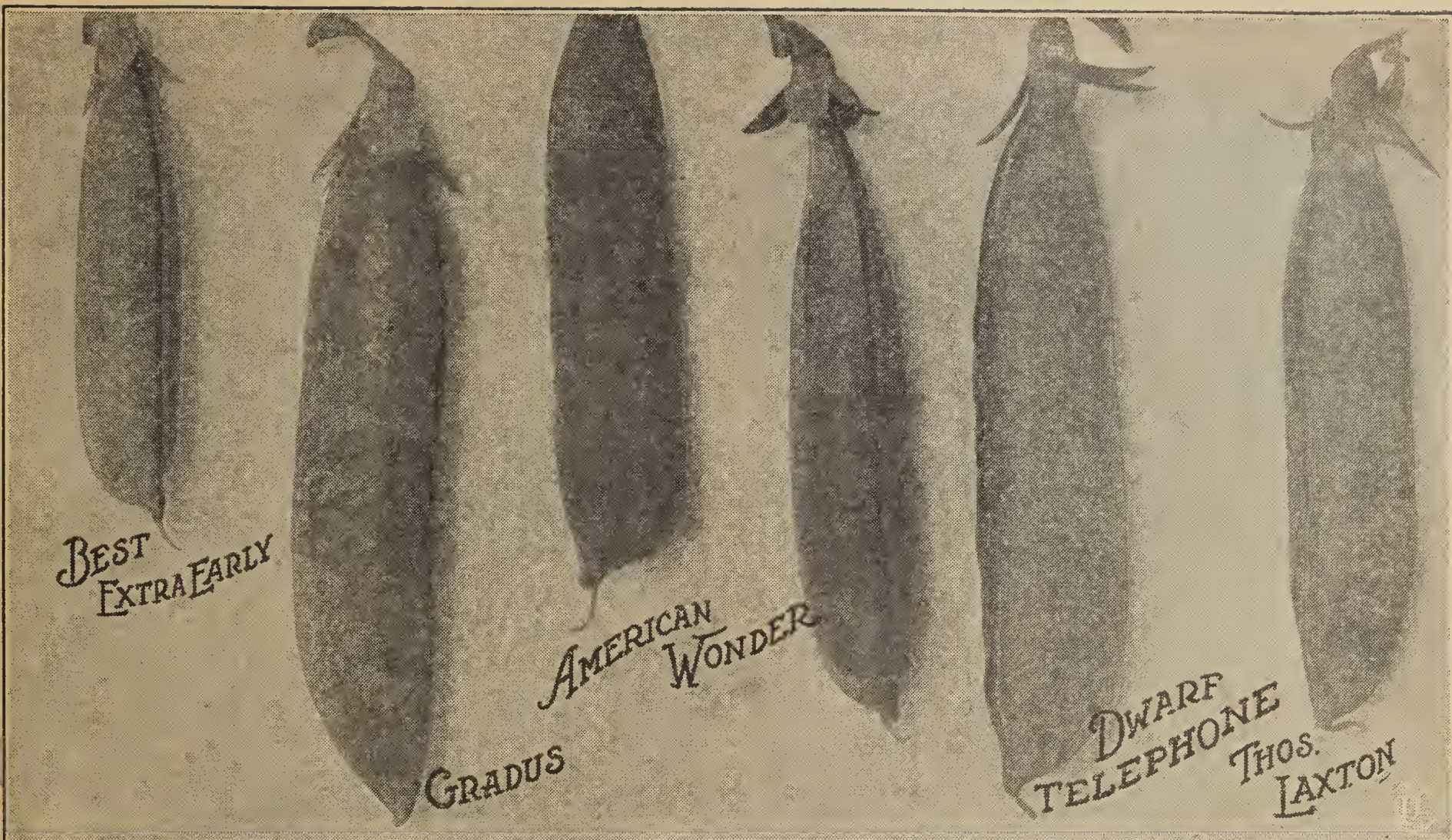


Laxton's Progress.



Nott's Excelsior.





320½. **BEST EXTRA EARLY.** (62 days.) An extra early round-seeded variety. Height, 2½ feet. Seventy-five to eighty per cent of the pods may be gathered at the first picking. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

324. **★GRADUS.\*** (65 days.) (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Large pkt., (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

328. **BLISS' EVERBEARING.\*** (76 days.) The vines are strong and attain a height of 2½ to 3 feet, bearing, at the top, 6 to 10 good pods about 3 inches long. If these are picked when ready, and soil and season favorable, the plants throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender and of good flavor. Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

327. **CHAMPION OF ENGLAND.\*** (82 days.) One of the richest, best flavored late peas. Height 4½ feet. Pods contain eight light green peas each. A standard main crop variety. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

334. **THOMAS LAXTON.\*** (63 days.) In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, 3½ inches long, containing about seven large green peas. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

322. **★IMPROVED TELEPHONE.** (74 days.) Vines, 4 feet high; pods, dark green, 3½ to 4 inches long, containing from 5 to 10 peas each. The leading late variety among market gardeners. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

330. **AMERICAN WONDER.\*** (61 days.) The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within eight weeks from planting. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

335. **★DWARF TELEPHONE.\*** (79 days.) (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Pods medium green, four inches long, well filled with 7 to 8 bright green peas. Large pkt., (2 ozs.), 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

340. **WHITE MARROWFAT.** (88 days.) A commercial variety grown extensively for dry use. Vines about 5 ft. and a light green color. Pods single, plump, blunt, straight, light green; containing 6 to 7 peas. Seeds large round, creamy white. Pkt., 5c; ½ lb., 15c; lb., 25c; 5 lbs., 90c, postpaid.

332. **ONWARD.** (74 days.) A new English variety. It is a mid-season variety coming in just ahead of Telephone. The vines grow three feet in height with vigorous, strong, medium green foliage. Pods are four inches long, broad, straight and blunt at the ends, deep green in color, containing 6 to 8 dark green very sweet peas. A very heavy cropper. Large pkt. (2 ozs.) 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.



Wyoming Wonder.

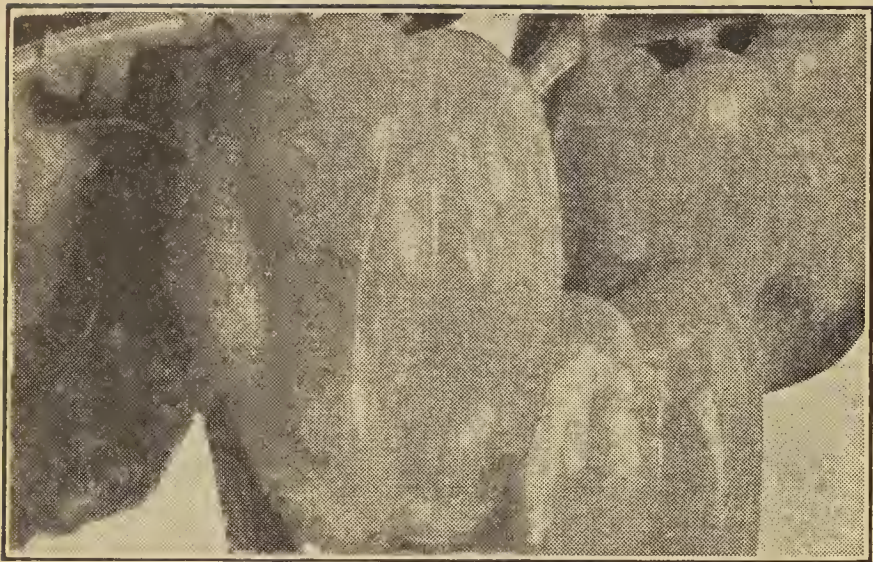
337. **WYOMING WONDER.\*** (74 days.) The outstanding characteristic of this pea is the fact that it remains sweet and tender a week to ten days after it is ready to pick. It was bred expressly for market gardeners who want a large, dark green podded pea that will hold its quality after reaching the picking stage. The vine is dark green, about 24 to 28 inches tall. The pods are 5 to 6 inches, dark green in color, pointed and slightly curved at the tips. Each pod contains 8 to 10 large peas of unusually fine flavor. Pkt., 10c; ½ lb., 25c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.30, postpaid.

331. **LAXTON'S SUPERB.\*** (Early Bird.) (60 days.) This is the earliest large podded dwarf pea. Vines 18½ inches tall, coarse and light green in color. Pods 4½ inches long, single and double, slightly curved and pointed; of a medium dark green attractive color containing 9 to 10 peas of good quality. Large 2-oz. pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.





# OLDS' PEPPERS



Harris' Early Giant.

353. **HARRIS' EARLY GIANT.** (63 days.) The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, bearing as many as 12 enormous peppers to a plant.

The peppers average 5 inches in length and 3½ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20, postpaid.

352. **GOLDEN QUEEN.** (78 days.) The largest and sweetest yellow pepper. Often 8 or 9 inches long and 4 to 5 inches thick. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.45, postpaid.

355. **RED CHILI.** (75 days.) A rather late hot variety, with peppers about ½ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.55, postpaid.

357. **CALIFORNIA WONDER.** (75 days.) A very mild, sweet, mid-season variety. The peppers are very large, measuring 4½ inches in length by 3 to 4 inches in diameter. The fruit ripens very uniformly and has a deep crimson color when ripe. It closely resembles the Chinese Giant in form but the flesh is extremely thick, which quality the Chinese Giant lacks. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.55, postpaid.

356. **PIMIENTO.** (78 days.) This variety is used not only for salads and mangoes but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., 95c, postpaid.

## PEPPER PLANTS.

**HARRIS' EARLY GIANT, RUBY KING CALIFORNIA WONDER, HUNGARIAN WAX.** Ready May 15th. Doz., 40c; 50 for \$1.25, postpaid.

**CULTURE:** Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants. The number of days after each variety shows time required after setting of plants to picking. Earlier peppers can be had by using Sage Hi-Caps. See inside back cover.

350. **★RUBY KING.** (69 days.) One of the most popular varieties and satisfactory for both home and market gardens. It grows 4½ to 6 inches long, and 3½ to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20, postpaid.

351. **BELL OR BULL NOSE.** (65 days.) A standard early variety. Has a vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh of excellent quality. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., 85c, postpaid.

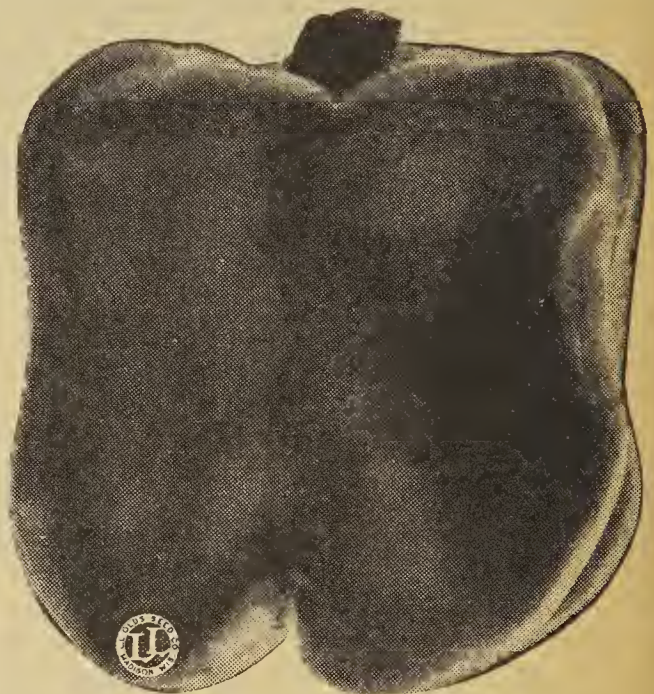
354. **★CHINESE GIANT.** (80 days.) One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all commend it. It is very productive. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.05, postpaid.

349. **HUNGARIAN WAX.** (65 days.) A splendid pungent pepper. Color waxy canary yellow turning to crimson at maturity. Peppers are 5 to 6 inches in length and rather slender. One of the best hot peppers. Very prolific. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.45, postpaid.

358½. **HOT VARIETIES MIXED.** Including Chili, Cayenne, Tabasco and others. As 'hot as fire.' Pkt., 5c; ½ oz., 18c; oz., 30c; ¼ lb., 90c, postpaid.



Hungarian Wax.



California Wonder.

# OLDS' PUMPKINS

**CULTURE:** Plant any time after the ground has become warm, 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 8 to 10 hills, 3 to 4 pounds will plant an acre alone and one pound an acre with corn.



Connecticut Field.

363. **★SMALL SUGAR.** (78 days.) The famous New England Pie Pumpkin. A rather small, round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

360. **KING OF THE MAMMOTHS.** (120 days.) This variety surpasses all others in size; specimens often weighing 75 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 10c; oz., 20c; ¼ lb., 30c; lb., 85c, postpaid.

364. **WINTER LUXURY.** (100 days.) A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

362. **★LARGE CONNECTICUT YELLOW FIELD.** (120 days.) The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50, postpaid.

361. **BUSH PUMPKIN.** (120 days.) Our new pumpkin for the home garden where space is limited. Requires only 4 square feet of space. See page 5 for complete description. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

"I used your seeds a couple of years ago and certainly was pleased. The soil on my place is sandy and high so sweet potatoes should grow as I grew peanuts one year."—Ernest M. Mowers, Minnesota.



# PARSNIP, PARSLEY, RHUBARB, TOBACCO, PEANUTS

## PARSNIP

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.



311. **HOLLOW CROWN.** The old standard parsnip, long rooted, sweet flavored and desirable. Excellent, also for stock feed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

310. **★IMPROVED GUERNSEY.** An improved Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine grained and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

## RHUBARB



395. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until the plants have had a full season's growth. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.30, postpaid.

**RHUBARB ROOTS.** Choice, extra large roots grown on our own farm.

Prices: 3 for 30c; 6 for 50c; 12 for 90c, postpaid. Not prepaid: 25 for \$1.65; 100 for \$6.00.

**HORSE RADISH ROOTS.** 12 for 25c; 100 for \$1.25, postpaid. Not prepaid: 1,000 for \$6.00.

## TOBACCO

500. **★COMSTOCK SPANISH.** The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.65, postpaid.

504. **WISCONSIN HAVANA NO. 142.** A resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.65, postpaid.

503. **★WISCONSIN CONNECTICUT HAVANA NO. 38.** Its characteristics are: vigor of growth; good breadth, weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without flavoring the latter; and finally, the important matter of earliness. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.65, postpaid.

## PARSLEY

One packet of Parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.



Champion Moss Curled Parsley.

305. **CHAMPION MOSS CURLED.** The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. It is also a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

306. **PEERLESS OR WINTER.** This new parsley should really be called Improved Dark Green as it is a very dark green variety similar to Moss Curled. It is of the fine curled type. Grows about 8 inches. Very hardy. It is a very fine home garden and market parsley because of its admirable color and the fact that it will hold the color until late in the winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

309. **HAMBURG** (Turnip Rooted). The edible root of this variety resembles in color and shape a small parsnip. The roots may be stored in the cellar for winter use. The leaves are similar to those of plain parsley. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

## PEANUTS



Mammoth Virginia Peanuts.

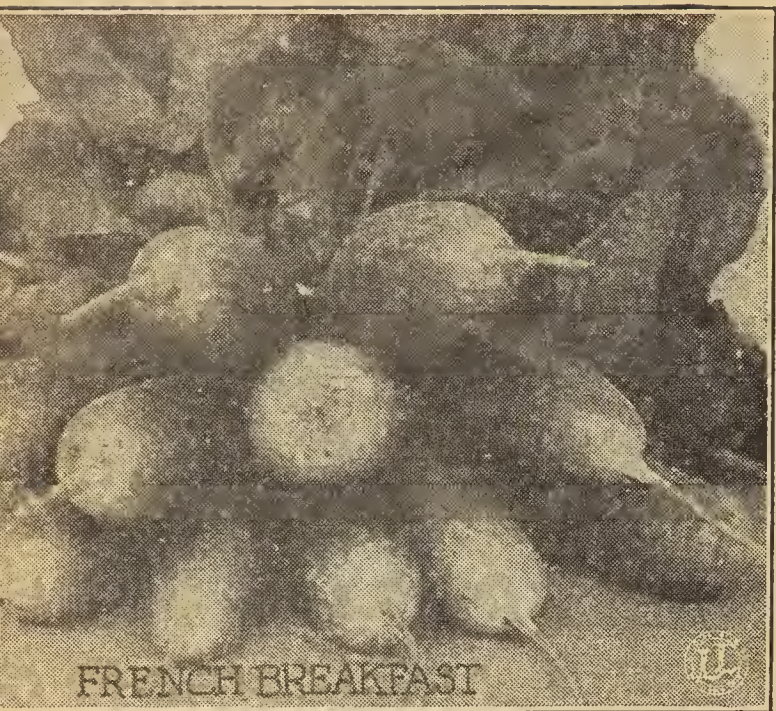
315. **MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 5c; ¼ lb., 10c; ½ lb., 20c; lb., 35c; 5 lbs., \$1.25, postpaid.

"Every year I have sent to you for seed. They always grow."—Lois M. Hill, Minnesota.

"Please rush the seeds to me as the seed cabbage and tomatoes I ordered earlier in the season made such wonderful plants I am oversold on them and must have more seed at once. Olds' seeds are simply wonderful."—Edw. T. Johnson, Illinois.



# OLDS' RADISHES



FRENCH BREAKFAST

373. **FRENCH BREAKFAST.** (25 days.) Our largest seller with the exception of White Icicle. French Breakfast is a quick-growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about  $\frac{3}{4}$  of an inch through and about twice that in length with very small top and tap root. Flesh pure white and very crisp, tender, and mild. Our favorite radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.



CRIMSON GIANT

376. **★CRIMSON GIANT.** (28 days.) An extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and outdoor growing. Roots are of a handsome deep crimson, varying in shape from round to oval. Flesh, pure white; flavor, mild. We highly recommend this radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.

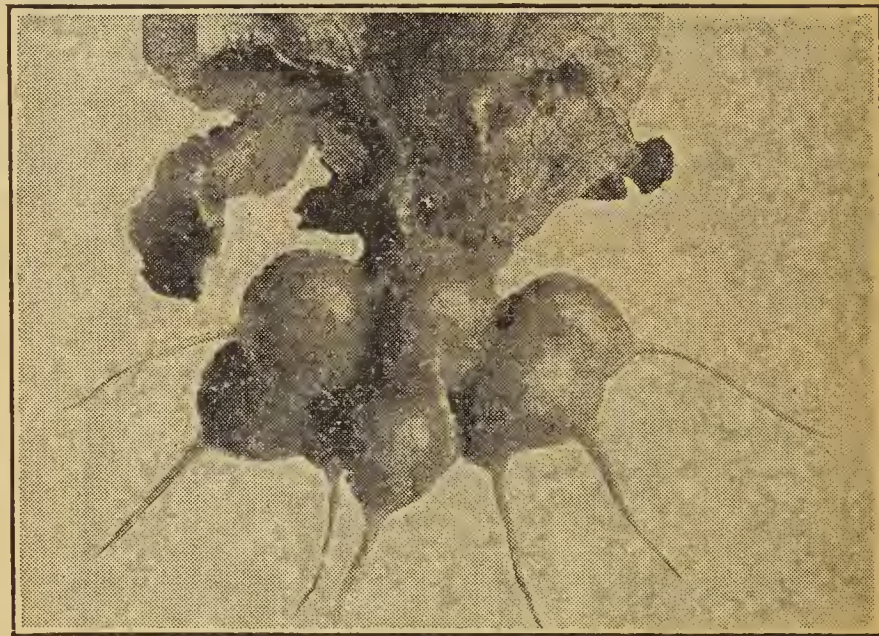
394. **MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of long, olive or turnip shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt. 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 45c, postpaid.

Olds' Radish Seed is grown from hand transplanted roots. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and, also quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts see our Market Gardeners' Price List, page 40.

**CULTURE:** Sow as early as the ground can be worked. Radishes do best on a light rich mellow soil. Sow in drills 10 inches apart and thin to 2 inches in the row. Sow the early round red sorts first, the long growing varieties a week later, and the winter varieties in July and August. One pkt. will sow 25 feet; 12 pounds an acre.

## MAGGOT CONTROL

Corrosive Sublimate will control Maggots which attack cabbage, onion and radish crops. Mix one ounce with 10 gallons of water. Pour this solution around the base of the plants when they are two to three inches tall. Use one gallon to every 35 feet of row. For cabbage plants use one-half teacup to a plant. Corrosive Sublimate may be obtained from your local druggist or a near-by creamery.



Icy Crisp.

387. **ICY CRISP.** (20 days.) A bright scarlet, round radish, very crisp and tender. The tops are very small making it an ideal variety for forcing. This radish can be grown from seed in from 16 to 20 days. Olds' Icy Crisp is in fact all that one could ask for in a radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 80c, postpaid.

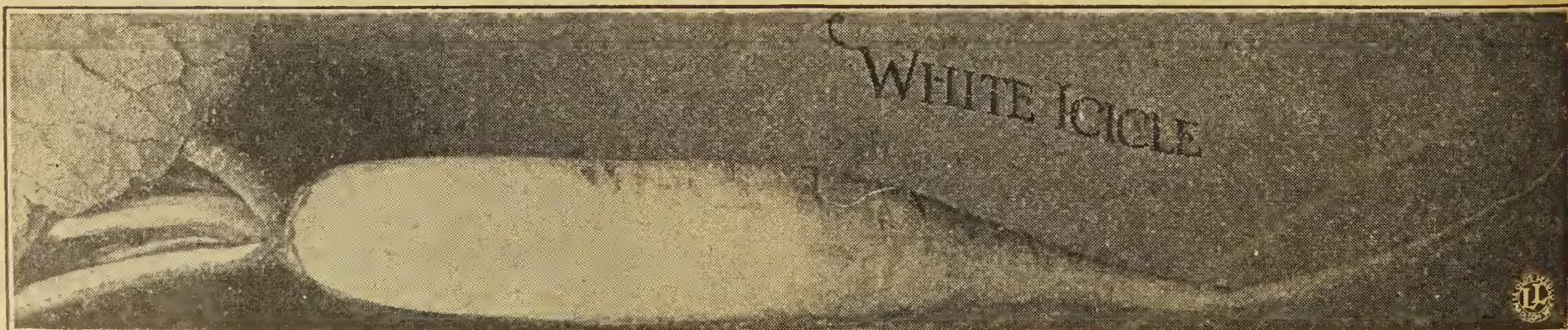
371. **EARLY SCARLET TURNIP.** (26 days.) A splendid, early, round, bright red radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c postpaid.

384. **CINCINNATI MARKET.** (28 days.) An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.

385. **★WHITE ICICLE.** (27 days.) Considered the finest of all for table use. The roots attain a length of about  $5\frac{1}{2}$  inches, tapering regularly from near the shoulder to the tip. It is crisp, mild, sweet, and keeps well. Pkt. 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.

## It Pays to Plant Reliable Seeds.

"We used your seed two years ago and had the best garden we've had in years. Then the last two years we bought our seed here just as we needed it and sometimes the seed never came at all and sometimes we had nice looking plants, but they didn't produce vegetables, so we think it pays to buy at Olds."—Mrs. Anna O'Donnell, Kansas.



WHITE ICICLE



375. **SAXA.** (22 days.) This variety is of a fine scarlet color, round with a very small top and tap root. It is very early, crisp, juicy and mild. Used extensively for greenhouse forcing, and early market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c, postpaid.

370. **★OLDS' BRIGHTEST WHITE TIP.** (Sparkler.) (26 days.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper half bright scarlet. Mild, crisp and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c, postpaid.

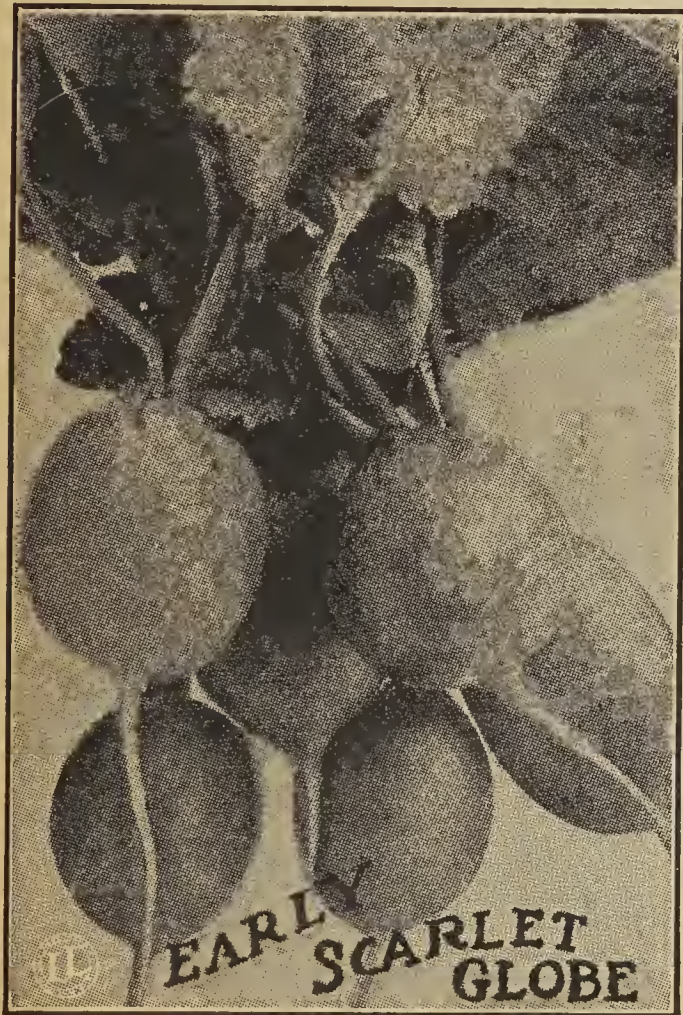
377. **EARLY SCARLET GLOBE.** (Vick's.) (24 days.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c, postpaid.

374. **★TWENTY DAY.** (20 days.) An extra early, olive-shaped deep scarlet radish. It is especially adapted for forcing, and is also an excellent garden variety. Flesh is crisp and mild. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

372. **GLOWING BALL.** (22 days.) This variety originated in Holland from a particularly bright scarlet ball radish and our stock comes right from the originator. It can be used for both greenhouse forcing and outdoor planting. The color is very attractive, bright, fiery scarlet red with a suffusion of orange. The skin is smooth and silky and the tops short. Radishes measure about one inch in diameter with small thread-like tap roots. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.



Glowing Ball.



## WINTER RADISHES

Winter radishes should be planted in July and August and are good to eat as soon as they are large enough. As good as spring radishes in flavor, much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.

391. **CHINA ROSE WINTER.** (52 days.) Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through the fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

390. **NEW WHITE CHINESE.** (New Celestial.) (60 days.) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

392. **LONG BLACK SPANISH.** (60 days.) The skin is black, and the flesh white and firm. Grows 8 to 9 inches long and 2 to 3 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.

393. **ROUND BLACK SPANISH.** (56 days.) Considered by many the best winter radish. Roots are round and sometimes olive-shaped. A long-keeping variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c, postpaid.



China Rose Winter.

## MULCH PAPER

Gator Hide Mulch Paper is an extremely tough, durable paper that is laid between the rows to save cultivation and act as a mulch.

### WHAT GATOR HIDE MULCH PAPER DOES:

First, Makes cultivation unnecessary.

Second, Holds the moisture in the soil.

Third, Greatly increases the yield.

Use Gator Hide this year for all your vegetables, for your strawberries, your gladioli, etc.

Type B, (extra heavy, for perennials), 18 in. width, 150 linear yards to roll, \$3.00 per roll; 36 in. width, 150 linear yards to roll, \$6.00 per roll.

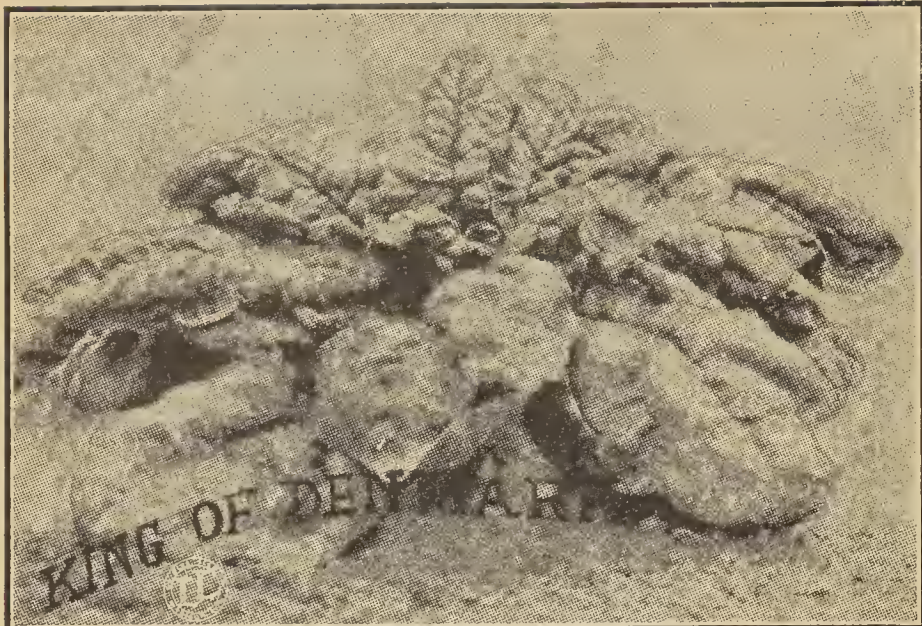
Garden Trial Size, Type B, 15 yds., 18 in., 65c per roll; by mail, 80c.

(Ask for 16-page booklet, "What Is Gator Hide Mulch Paper?") TWO SQUARE YARD SAMPLE 20c, postpaid.

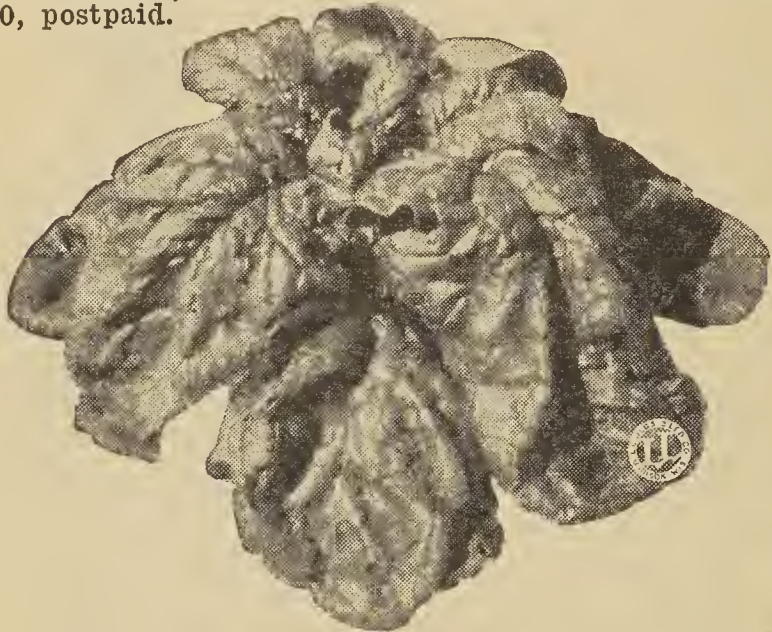




# OLDS' SPINACH

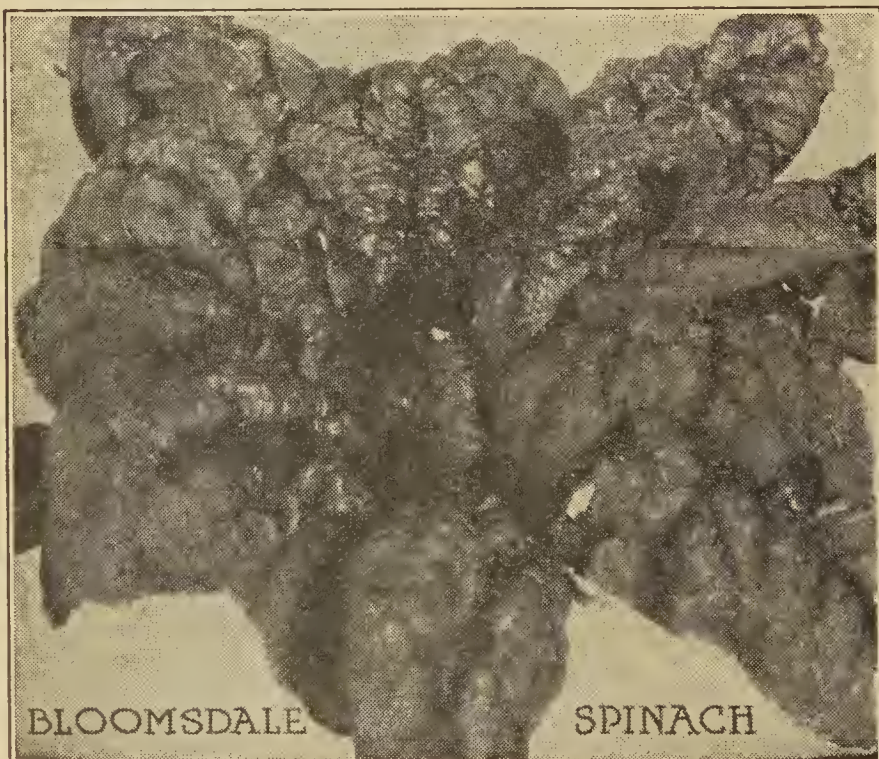


**401. ★KING OF DENMARK.** (46 days.) The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. Equally valuable for both the home and market gardener. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 45c; 5 lbs., \$1.80, postpaid.



Long-Standing Gaudry.

**404. LONG-STANDING GAUDRY OR NOBEL.** (45 days.) (Also called Nobel, Improved Aragon.) Where a fairly smooth leaf spinach is desired we consider this variety superior to any other. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, broad and thick. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 45c; 5 lbs., \$1.80, postpaid.



Our Spinach Seed is grown in the northern part of Holland where the weather conditions are very similar to those we have in the northern states. We believe that the Holland grown seed is superior to any other on the market. Spinach is a very important market crop and it is becoming more popular each year. Spinach is rich in vitamins. For city gardens we recommend the New Zealand Spinach or Lucullus Swiss Chard as both of these can be cut over and over again while the other varieties of spinach can be cut only once. One pkt. will plant 20 feet; 10 to 14 lbs., an acre.

**CULTURE:** Spinach needs cool, moist weather. The seed should be sown early in the spring in rows one foot apart and thinned to 6 inches in the row. Upon the arrival of warm weather it tends to bolt to seed. By using our Long-Standing strains, spinach can be had over a much longer period as those varieties are very slow to seed. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days. For larger amounts than quoted, see page 40.

"We have bought garden seeds of you folks for the last four years. We have a fine garden. We sure wouldn't know what to do without the three peas for succession."—Mrs. J. H. Hazlett, Wisconsin.

"I am sure pleased with your seed I get from your firm. Our cabbage for years has been fine although dry last year, but had lots and made lots of kraut. Wouldn't want any other seed, for it would wilt and die. I tell my neighbors, too, and they get from you."—Mrs. Clarence Fields, Ohio.

"We always find your seeds the best."—Jerry J. Skorepa, Iowa.



Princess Juliana.

**400. PRINCESS JULIANA.** (48 days.) One of the best long-standing varieties of spinach. Very dark green crumpled leaves, round and thick. It lacks entirely the earlier bolting male plants and as a result the crop as a whole remains much longer in marketable condition. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 45c; 5 lbs., \$1.80, postpaid.

**259. MUSTARD SPINACH OR TENDERGREEN.** (40 days.) Our new hot weather green. The hotter and drier the weather the better it grows. See page 16 for complete description. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; 5 lbs., \$2.25, postpaid.

**403. NEW ZEALAND.** (70 days.) Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; 5 lbs., \$2.00, postpaid.

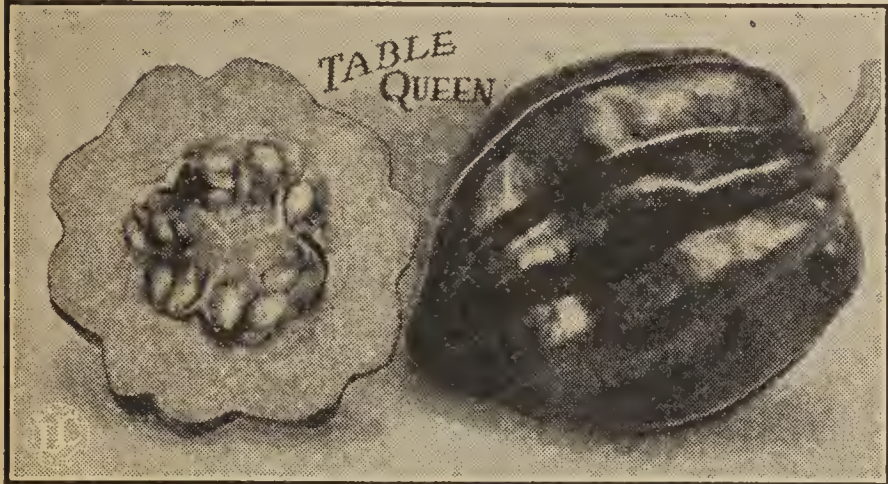
**402. ★BLOOMSDALE.** (42 days.) (New Long-Standing Strain.) This is a very early variety and one of the best to plant in the autumn or early spring. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 45c; 5 lbs., \$1.80, postpaid.



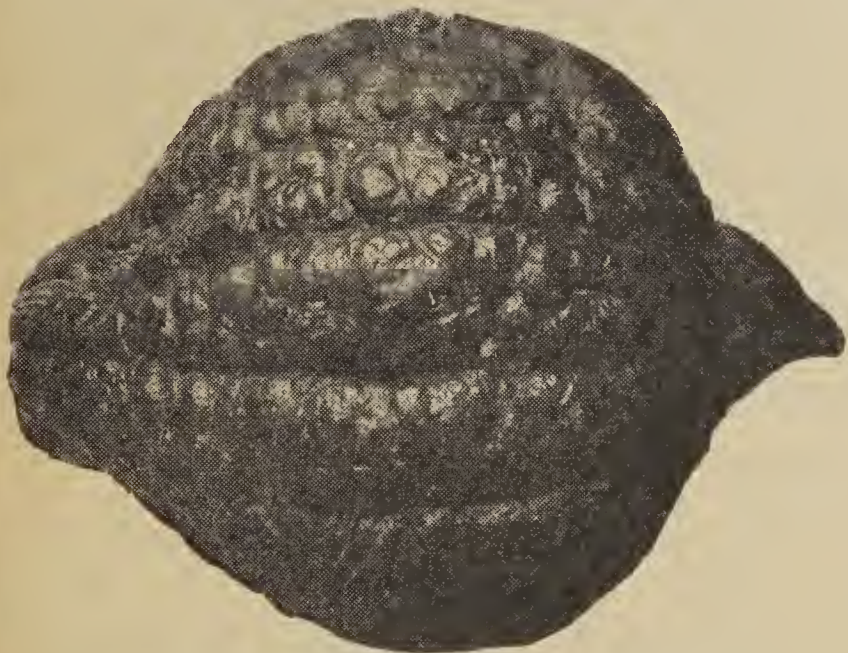
# OLDS' SQUASH AND SWEET POTATOES

Olds' Squash Seed is all northern grown and will produce a crop a week to ten days earlier than southern grown.

**CULTURE:** Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. 2 ozs. will plant a 50-foot row and 3 lbs. an acre. Fertilizing will increase the size. Use Slug Shot for the striped beetles. See page 93. For large quantities see our Market Gardeners' Price List, page 40.



409. **TABLE QUEEN.** (60 days.) This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Nearly equal to Hubbard in flavor and keeping qualities and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.



A Typical Specimen of a True Hubbard.

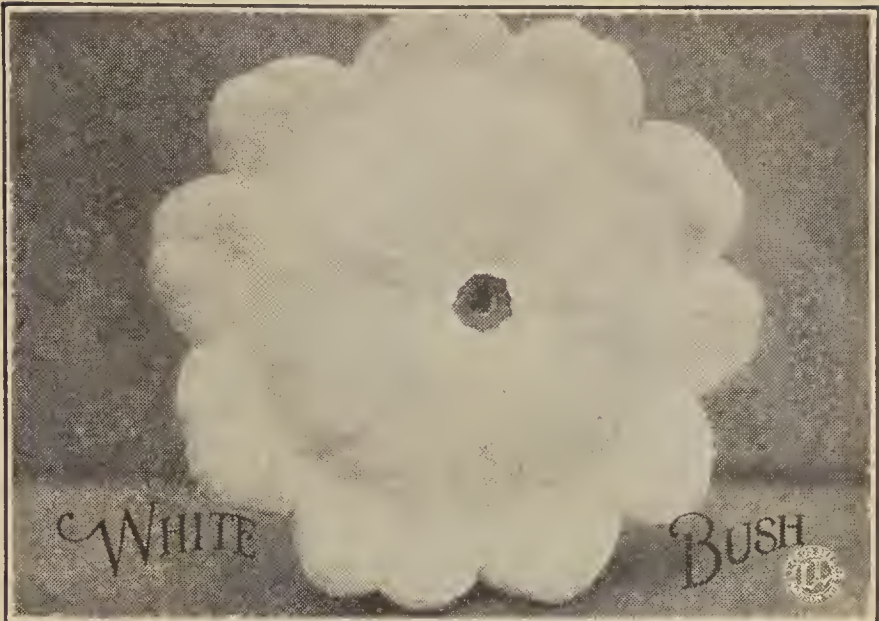
411. **★TRUE HUBBARD.** (105 days.) Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

413. **GOLDEN HUBBARD.** (100 days.) (Red Hubbards.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

418. **BLUE HUBBARD.** (110 days.) A new type of Hubbard similar to the original except that it is blue grey in color. Said to be superior to all other Hubbards in quality. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

407. **★GIANT SUMMER CROOKNECK.** (56 days.) The fruit is of an attractive golden-yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific, of good quality, and most popular. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00, postpaid.

406. **★BUTTERCUP.** (90 days.) Entirely distinct in type. Just the right size for an average family. Unequalled for quality. See page 5 for complete description. Pkt., 10c; oz., 20c; 1/4 lb., 45c; 1 lb., \$1.40, postpaid.



405. **MAMMOTH WHITE BUSH SCALLOP.** (53 days.) Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00, postpaid.

412. **SPAGHETTI.** Our New Novelty Squash. When cooked resembles spaghetti. See page 4 for complete description. Pkt., 10c; oz., 30c; 1/4 lb., 75c, postpaid.



Delicious.

410. **★DELICIOUS.** (102 days.) This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

420. **MAMMOTH CHILI.** (110 days.) The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 20c; 1/4 lb., 55c; lb., \$1.60, postpaid.

## SWEET POTATO PLANTS

Cultural leaflet free.

**YELLOW JERSEY.** Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil if grown from the plants.

Prices, 50 plants, 65c; 100 plants for \$1.00; 1,000 plants, \$5.50, postpaid. (Ready about May 15th.)





# OLDS' TOMATOES

## WILT AND RUST RESISTANT VARIETIES



Marglobe.

433. **MARGLOBE.** (78 days.) The perfect tomato. Wilt resistant and rust resistant. A new variety that is attracting a lot of attention. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe test. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25, postpaid.

428. **PRITCHARD.** (73 days.) The new Pritchard is without doubt the best of the disease-resistant varieties. It resists the nail-head disease and also the tomato wilt. In appearance it is similar to Marglobe. Scarlet in color, of good size and shape, the fruits borne in clusters of 5 and produced in abundance. It is a mid-season variety requiring about 110 days to ripen from seed. About 5 days earlier than Marglobe. The vine is short jointed and of low growth with heavy foliage. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35, postpaid.

426. **SCARLET DAWN.** (70 days.) Our new wilt and rust-resistant tomato. Deep red color, round, globe-shaped and earlier than Marglobe or Pritchard. We think this is an outstanding tomato which is going to be very popular. See page 5 for complete description. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.

Olds' Tomato Seed is produced from tomatoes grown exclusively for seed. One pkt. will produce 200 plants. Two to 4 oz. will produce enough plants for an acre. Tomatoes do well in practically any garden soil and take up little space. No home garden is complete without them.

**CULTURE:** Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over, in rows 3 to 6 feet each way. Some growers train the vines on trellises so that the fruit will ripen earlier. Use Sage Hi-Caps for this crop. See inside back cover. The figure after the variety shows time of picking after setting plants. For prices on larger quantities see our Wholesale Market Gardeners' Price List, page 40.



Break O'Day.

431. **BREAK O'DAY.** (70 days.) A new extra early, wilt resistant tomato developed by the U. S. Department of Agriculture. Break O'Day matures with Earliana. The fruit resembles the famous Marglobe; it is the same color, shape and size and is the only early tomato of a deep globe shape. The fruits are solid with very few seeds and they will not crack. A bountiful yielder. Not satisfactory on all soils. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25, postpaid.

## STANDARD VARIETIES



444. **★BONNY BEST.** (74 days.) A smooth, extra fine early variety for the home garden. A few days later than Earliana. Color bright red. Vigorous and productive. A favorite variety with the market gardeners. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c, postpaid.

443. **★JUNE PINK.** (69 days.) The earliest of all pink tomatoes. A good yielder, of high quality, running very smooth for an early sort. The June Pink while an early tomato continues to bear and ripen up to frost. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.30, postpaid.

430. **DWARF STONE.** (92 days.) One of the best of the dwarf tree varieties. Fruit smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35, postpaid.

439. **GOLDEN BEAUTY.** (84 days.) (Golden Queen.) A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.35, postpaid.

429. **★MATCHLESS.** (86 days.) A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long keeping variety. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c, postpaid.

438. **★ENORMOUS.** (88 days.) (Beefsteak.) Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75, postpaid.

425. **★SPARK'S EARLIANA.** (70 days.) Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Rather flat in shape, of a dark red color. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c, postpaid.





Oxheart.

441. **OXHEART.** (90 days.) Probably the largest and meatiest tomato in existence. It has a distinct oxheart shape with fruit of a pink color. Grown under favorable conditions will weigh nearly two pounds. Where a tomato of enormous size is wanted this is the variety to plant. We do not consider the quality equal to some of the smaller varieties although it is fine considering the immense size. Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c;  $\frac{1}{4}$  lb., \$2.55, postpaid.

Hi-Caps Protect Plants and Hasten Growth. See inside back cover.



New Stone

427. **★NEW STONE.** (86 days.) The standard main-crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 80c, postpaid.



435. **OLDS' SPECIAL STOCK EARLIANA.** (65 days.) An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Pkt., 10c;  $\frac{1}{2}$  oz., 18c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.



437. **PONDEROSA.** (88 days.) The giant tomato. The tomatoes grow in beautiful clusters, oblong in shape, with solid flesh. Color purplish pink. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.65, postpaid.

434. **★CHALK'S EARLY JEWEL.** (70 days.) A fine early variety. Large handsome scarlet fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 80c, postpaid.

### SMALL FRUITED TOMATOES

Prices, all varieties: Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c.

455. **GROUND CHERRY or HUSK TOMATO.** The small yellow fruit has a flavor all of its own. Protected by the loose-fitting outer husk. **PLANTS:** Doz., 50c; 50 for \$1.25, postpaid.

446. **YELLOW PEAR.** Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs."

447. **YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters.

448. **YELLOW CHERRY.** A very small, round yellow tomato used for preserves.

449. **RED CURRANT.** Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc.

### TOMATO PLANTS.

Dwarf Stone. Doz., 30c; 50 for 90c; 100 for \$1.50, postpaid.

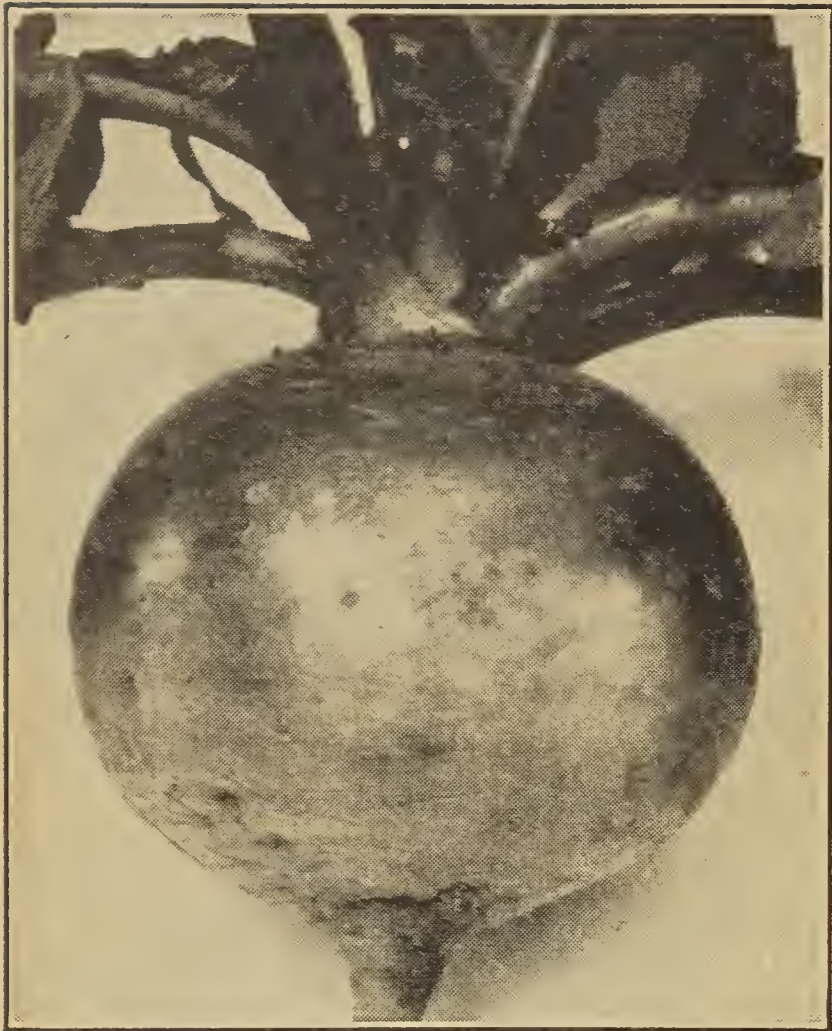
"The seed I ordered from you last year surely grew in spite of the drouth. I was about the only one around the neighborhood that had a garden. I could have sold more cucumbers. No one raised any. My cauliflower was wonderful."—Mrs. Carl Jansen, Iowa.



436. **★JOHN BAER.** (70 days.) A variety of real merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Pkt., 5c;  $\frac{1}{2}$  oz., 18c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.



# OLDS' TURNIPS AND RUTABAGAS



Purple Top White Globe.

465. ★**PURPLE TOP WHITE GLOBE.** (55 days.) Very attractive in appearance, almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$2.80, postpaid.

467. **COW HORN.** (70 days.) Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.40, postpaid.

466. **SNOWBALL.** (43 days.) Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.40, postpaid.



Farmers should grow more rutabagas and turnips. Stock will thrive and gain rapidly when these are included in their feed. Turnips can be sown with oats and other grain and in that way they cost practically nothing. Enormous yields per acre may be obtained. Ask for Wisconsin Bulletin No. 330, "Root Crops are Profitable."

**CULTURE:** For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabagas sow about June 15th. The roots should be harvested before a severe frost and stored in a cool cellar covered with dry soil. A packet will sow 50 feet, one pound an acre in drills and 2 or 3 pounds an acre broadcast. If larger quantities are wanted see our Market Gardeners' Price List, page 40.



460. **PURPLE TOP STRAP LEAF.** (46 days.) The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. It makes a wonderful pasture after harvest. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.40, postpaid. Not prepaid, 100 lbs., \$28.00.

474. **MIXED TURNIPS.** By sowing this well balanced mixture, you are assured turnips of long, round and flat shapes from early summer until winter. Pkt., 3c; oz., 5c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.00, postpaid.

## RUTABAGAS

475. ★**OLDS' IMPROVED PURPLE TOP.** (85 days.) This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table use and stock feeding. Roots are large, globe shaped, with very small tap roots; color bright yellow with a purple top; tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

477. **NEW GOLDEN NECKLESS.** (83 days.) The roots grow to a large size, and are almost globular in form. The flesh is fine grained, of a yellow color, mild and sweet. Will keep until late in the spring. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

478. **WHITE RUSSIAN.** (83 days.) An excellent rutabaga for either table use or stock. A good keeper and very desirable in every way. Very large, globular shaped with small neck. Color white with a shade of green at the top. Flesh white, very firm and sweet. The tops are small and strap leaf. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

"We like Olds' seeds fine. Always have splendid success with them."—Mrs. Otto Nehlsen, Iowa.

"I have had splendid results with dry-weather cauliflower for the late crop for a number of years. Sold enough each fall to pay for my garden seeds. I get nice big white heads when my neighbor's cauliflower just won't head."—Mrs. Paul Krause, Wisconsin.



# Market Gardeners' Wholesale Price List

**NOTE:** These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices. Prices are subject to change.

## BEANS.

5 lbs. at 10 lb. rate and 50 lbs. at 100 lb. rate.

No.		10 lbs.	25 lbs.	100 lbs.
13	Bountiful .....	\$1.70	\$4.00	\$15.00
14	Navy Beans .....	(Write for prices)		
15	Burpee's Stringless Green Pod	1.50	3.50	13.00
16	Giant Stringless .....	1.40	3.25	12.00
17	Tendergreen .....	1.60	3.75	14.00
19	Refugee Stringless .....	1.60	3.75	14.00
20	Improved Golden Wax .....	1.40	3.25	12.00
20 1/2	Early Stringless Wax .....	1.70	4.00	15.00
22	Stringless White Wax .....	1.60	3.75	14.00
24	Pencil Pod Black Wax .....	1.50	3.50	13.00
30	Dreer's Pole Lima .....	1.80	4.25	16.00
31	Henderson's Bush Lima .....	1.50	3.50	13.00
32	McCrea's Bush Lima .....	2.00	4.75	18.00
33	Ford's Mammoth Pole Lima ..	1.90	4.50	17.00
34	Burpee's Bush Lima .....	1.80	4.25	16.00
34 1/2	Fordhook Bush Lima .....	1.90	4.50	17.00
37	White Seeded Ky. Wonder ..	1.60	3.75	14.00
38	Kentucky Wonder .....	1.50	3.50	13.00
38 1/2	Kentucky Wonder Wax .....	1.60	3.75	14.00
39	Scarlet Runner .....	2.00	4.75	18.00

## SWEET CORN.

No.				
135	Early July .....	\$1.60	\$3.75	\$14.00
136	Mammoth White Cory .....	1.50	3.50	13.00
137	Golden Colonel .....	4.20	10.25	40.00
138	Howling Mob .....	1.50	3.50	13.00
139	Early Champion .....	1.50	3.50	13.00
139 1/2	Country Gentleman .....	1.50	3.50	13.00
140	Black Mexican .....	1.50	3.50	13.00
141	Hybrid Bantam .....	2.70	6.50	25.00
142	Golden Bantam .....	1.40	3.25	12.00
142 1/2	Bantam or Golden Evergreen	1.50	3.50	13.00
144	Golden Gem .....	1.60	3.75	14.00
145	Early Evergreen .....	1.40	3.25	12.00
147	Stowell's Evergreen .....	1.40	3.25	12.00
148	Golden Sunshine .....	1.40	3.25	12.00

## POPCORN.

No.				
150	White Rice .....	\$1.30	\$3.00	\$11.00
152	Squaw Hulless .....	1.30	3.00	11.00
153	Australian Mushroom .....	1.30	3.00	11.00
154	Tom Thumb .....	1.30	3.00	11.00

## PEAS.

No.				
320	Wisconsin Early Sweet .....	\$1.70	\$4.00	\$15.00
320 1/2	Olds' Best Extra Early .....	1.50	3.50	13.00
322	Tall Telephone .....	1.60	3.75	14.00
323	Alaska .....	1.40	3.25	12.00
324	Gradus .....	1.70	4.00	15.00
324 1/2	Laxtonian .....	1.70	4.00	15.00
325	Nott's Excelsior .....	1.60	3.75	14.00
326	Improved Stratagem .....	1.60	3.75	14.00
327	Champion of England .....	1.60	3.75	14.00
328	Bliss Everbearing .....	1.60	3.75	14.00
329	Little Gem .....	1.60	3.75	14.00
330	American Wonder .....	1.70	4.00	15.00
331	Laxton's Superb .....	1.60	3.75	14.00
332	Onward .....	1.70	4.00	15.00
333	English Wonder .....	1.70	4.00	15.00
334	Thomas Laxton .....	1.60	3.75	14.00
335	Dwarf Telephone .....	1.70	4.00	15.00
336	Laxton's Progress .....	1.70	4.00	15.00
337	Wyoming Wonder .....	1.70	4.00	15.00
339	Little Marvel .....	1.70	4.00	15.00
340	Marrowfat .....	1.20	2.75	10.00
341	Mammoth Luscious Sugar ..	1.90	4.50	17.00

## ASPARAGUS.

No.		1/2 lb.	Lb.	5 lbs.
3	Martha Washington .....	\$0.40	\$0.70	\$2.80
6	Mary Washington .....	.40	.70	2.80

## BEEF.

No.				
40	Early Egyptian .....	\$0.40	\$0.70	\$3.00
40 1/2	Fireball .....	.45	.80	3.50
41	Improved Early Blood Turnip	.35	.65	2.75
42	Perfected Detroit .....	.60	1.15	5.00
43	Early Wonder .....	.40	.70	3.00
44	Early Eclipse .....	.40	.70	3.00
46	Crimson King .....	.40	.70	3.00
48	Detroit Dark Red .....	.45	.80	3.50
49	Half Long Blood .....	.45	.80	3.50
51	Crosby's Egyptian .....	.40	.70	3.00
52	Crimson Globe .....	.40	.70	3.00
52 1/2	Lucullus Swiss Chard .....	.35	.65	2.75
53	Green Lyons Swiss Chard ..	.35	.65	2.75

## MANGELS.

No.				
55	Mammoth Long Red .....	\$0.25	\$0.45	\$1.75
56	Golden Tankard .....	.25	.45	1.75
59	Danish Sludstrup .....	.30	.50	2.00
61	Klein Wanzleben (Sugar Beet)	.25	.45	1.75
63	Giant Half-Sugar .....	.25	.45	1.75

No.		1/2 lb.	Lb.	5 lbs.
65	<b>BRUSSELS SPROUTS,</b>			
	Danish .....	\$1.00	\$1.90	\$8.25
70	Early Jersey Wakefield .....	1.00	1.90	8.25
73	Golden Acre .....	1.50	2.90	13.00
74	Wisconsin Jersey Queen .....	1.50	2.90	13.00
75	All Head Early .....	.75	1.40	6.50
76	Wisconsin All Seasons .....	1.50	2.90	13.00
77	Wisconsin Globe .....	2.00	3.90	17.50
80	All Seasons .....	.75	1.40	6.50
80 1/2	Wisconsin Hollander No. 8 ..	1.75	3.40	15.00
81	Wisconsin Ball Head .....	2.00	3.90	17.50
82	Premium Late Flat Dutch ..	.85	1.65	7.50
83	Drumhead Savoy .....	.75	1.40	6.50
83 1/2	Chinese (Chihli) .....	.85	1.65	7.50
84	Copenhagen Market .....	1.00	1.90	9.00
85	Danish Ballhead .....	1.35	2.65	12.00
87	Wisconsin Marion Market ..	2.00	3.90	17.50
88	Glory of Enkhuizen .....	.75	1.40	6.50
89	Mammoth Rock Red .....	1.00	1.90	9.00

## CAULIFLOWER.

No.		1/4 lb.	Lb.
90	Early Snowball .....	\$6.50	\$25.00
91	Super Snowball .....	10.00	30.00
93	Dry Weather .....	6.50	25.00
94	Autumn Giant .....	1.65	5.00
97	BROCCOLI, Green Sprouting ..	.95	2.90

## CARROTS.

No.		1/2 lb.	Lb.	5 lbs.
100	Danvers Half Long .....	\$0.45	\$0.80	\$3.50
101	New Bunching .....	.55	1.00	4.50
102	Long Orange .....	.45	.80	3.50
103	Oxheart .....	.35	.65	2.75
104	Scarlet Nantes .....	.50	.90	4.00
105	French Forcing .....	.55	1.00	4.50
106	Early Chantenay .....	.45	.80	3.50
107	Red Cored Chantenay .....	.45	.80	3.50
108	Imperator .....	.45	.80	3.50
111	Long Orange Belgian .....	.35	.65	3.00
112	Mastodon .....	.35	.65	3.00

## CELERY.

No.		1/4 lb.	Lb.
115	Easy Blanching .....	\$1.00	\$3.00
117	Golden Self-blanching .....	1.00	3.00
118	Giant Pascal .....	.80	2.50
121	New Winter Queen .....	.80	2.50
125	CELERICAC, Giant Prague .....	.80	2.50

## CUCUMBER.

No.		1/2 lb.	Lb.	5 lbs.
156	Early Green Cluster .....	\$0.50	\$0.90	\$4.00
157	Stays Green .....	.55	1.00	4.50
158	Chicago Pickling .....	.45	.80	3.50
159	Earliest White Spine .....	.50	.90	4.00
160	Early Fortune .....	.50	.90	4.00
161	Barteldes .....	.75	1.40	6.50
163	Straight Eight .....	1.25	2.40	11.50
164	Select White Spine .....	.50	.90	4.00
165	Improved Long Green .....	.50	.90	4.00
168	Early Russian .....	.45	.80	3.50
169	Davis Perfect .....	.50	.90	4.00
172	Longfellow .....	.75	1.40	6.50

## EGGPLANT.

180	New York Improved .....	\$1.75	\$3.40	\$16.00
181	Black Beauty .....	1.75	3.40	16.00

## ENDIVE.

185	Green Curled .....	\$0.55	\$1.00	\$4.25
186	White Curled .....	.55	1.00	4.25
187	Broad Leafed Batavian .....	.55	1.00	4.25

## KALE.

201	Dwarf Scotch Curled .....	\$0.35	\$0.65	\$3.00
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## KOHL-RABI

205	White Vienna .....	\$1.00	\$1.90	\$8.00
206	Purple Vienna .....	1.00	1.90	8.00

## LETTUCE.

215	Grand Rapids .....	\$0.50	\$0.90	\$3.75
216	Iceberg .....	.55	1.00	4.25
217	Improved Hanson .....	.50	.90	3.75
218	New York .....	.75	1.40	6.25
219	Black Seeded Simpson .....	.50	.90	3.75
220	Prizehead .....	.50	.90	3.75
221	Olds' Oak Leaf .....	Crop failed		
222	Big Boston .....	.65	1.15	5.00
227	May King .....	.55	1.00	4.25
230	Chicken .....	.50	.90	3.75
231	Paris White Cos .....	.50	.90	3.75
232	Wayahead .....	.50	.90	3.75



# Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices. Prices subject to change.

## MUSKMELON.

No.		1/2 lb.	Lb.	5 lbs.
235	Lake Champlain .....	\$0.60	\$1.10	\$4.75
237	Early Knight (Sweet Air) ..	.60	1.15	5.00
238	Emerald Gem .....	.50	.90	4.00
239	Osage .....	.60	1.15	5.00
240	Extra Early Osage .....	.60	1.15	5.00
241	Special Milwaukee Market ..	.75	1.40	6.00
243	Bender's Surprise .....	.65	1.25	5.50
244	Rocky Ford .....	.40	.70	3.00
247	Hoodoo .....	.45	.80	3.50
247 1/2	Gold Lined Rocky Ford .....	.45	.80	3.50
248	Banana .....	.45	.80	3.50
251	Honey or Sugar Rock .....	.65	1.20	5.00
253	Honey Dew .....	.60	1.10	4.50
254	Tip Top .....	.60	1.10	4.50

## WATERMELON.

260	Stone Mountain .....	\$0.40	\$0.75	\$3.25
261	Sweetheart .....	.35	.65	2.75
262	Cole's Early .....	.35	.65	2.75
263	Fordhook Early .....	.35	.65	2.75
264	Earliest and Sweetest .....	.40	.75	3.25
267	Ice Cream or Peerless .....	.35	.65	2.75
270	Kleckley's Sweet .....	.35	.65	2.75
270 1/2	Klondike (Dark Seeded) .....	.50	.90	4.00
271	Tom Watson .....	.35	.60	2.50
272	Golden Honey .....	.50	.90	4.00
273	Halbert Honey .....	.40	.70	3.00
275	Citron (Green Seeded) .....	.35	.65	2.75
276	Winter Melon .....	.40	.70	3.00

## ONION.

283	Crystal Wax Bermuda .....	\$1.25	\$2.40	\$10.75
285	Yellow Globe Danvers .....	1.20	2.15	9.50
286	Early Yellow Globe .....	1.25	2.40	10.75
287	Large Red Wethersfield .....	.95	1.80	7.75
288	Ailsa Craig .....	1.20	2.15	9.50
290	Southport Yellow Globe .....	1.25	2.40	10.75
291	Southport Red Globe .....	1.00	1.90	8.25
292	Southport White Globe .....	1.35	2.65	12.00
293	White Portugal or Silver Skin	1.20	2.15	9.50
297	Prizetaker .....	1.00	1.90	8.25
297 1/2	Gigantic Gibraltar .....	1.00	1.90	8.25
298	Sweet Spanish .....	1.20	2.15	9.50
299	Australian Brown .....	.85	1.65	7.00
300	Ohio Yellow Globe .....	1.20	2.15	9.50
302	White Barletta .....	1.25	2.40	10.75
303	Winter Queen .....	1.25	2.40	10.75

## ONION SETS.

Prices subject to change.

	Bu.	5 bus.
Yellow Bottom .....	\$2.00	\$9.50
Red Bottom .....	2.00	9.50
White Bottom .....	2.25	10.50

## PARSLEY.

No.		1/2 lb.	Lb.	5 lbs.
305	Champion Moss Curled .....	\$0.35	\$0.65	\$2.75
306	Peerless .....	.35	.65	2.75
309	Hamburg or Root .....	.35	.65	2.75

## PARSNIP.

310	Improved Guernsey .....	\$0.35	\$0.65	\$2.75
311	Long Smooth Hollow Crown ..	.35	.65	2.75

## PEPPER.

No.		1/4 lb.	Lb.
349	Hungarian Yellow Wax .....	\$2.40	\$6.00
350	Ruby King .....	1.15	3.40
351	Bull Nose .....	.80	2.40
352	Golden Queen .....	2.40	6.00
353	Harris' Early Giant .....	1.15	3.40
354	Chinese Giant .....	2.00	5.90
355	Red Chili .....	1.50	4.90
356	Pimiento .....	.90	3.00
357	California Wonder .....	1.50	4.50

## PUMPKIN.

No.		1/2 lb.	Lb.	5 lbs.
360	King of the Mammoths .....	\$0.40	\$0.75	\$3.25
361	Bush Pumpkin .....	1.00	1.90	8.75
362	Connecticut Field .....	.25	.55	2.25
363	Small Sugar .....	.35	.65	2.75
364	Winter Luxury .....	.35	.65	2.75

## RADISH.

No.		1/2 lb.	Lb.	5 lbs.
370	Sparkler .....	\$0.35	\$0.60	\$2.50
371	Early Scarlet Turnip .....	.35	.60	2.50
372	Glowing Ball .....	.40	.70	3.00
373	Improved French Breakfast ..	.35	.60	2.50
374	Twenty Day .....	.40	.70	3.00
375	Saxa .....	.35	.60	2.50
376	Crimson Giant .....	.35	.60	2.50
377	Scarlet Globe .....	.35	.60	2.50
384	Cincinnati Market .....	.35	.60	2.50
385	White Icicle .....	.35	.60	2.50
387	Olds' Icy Crisp .....	.40	.70	3.00
390	White Chinese Winter .....	.40	.70	3.00
391	Chinese Rose Winter .....	.40	.70	3.00
392	Long Black Spanish .....	.40	.70	3.00
393	Round Black Spanish .....	.40	.70	3.00

## RHUBARB.

395	Victoria .....	\$0.65	\$1.20	\$5.00
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## SALSIFY.

397	Mammoth Sandwich Island ..	\$0.75	\$1.40	\$6.50
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## SPINACH.

259	Tendergreen MUSTARD .....	\$0.25	\$0.45	\$1.75
400	Princess Juliana .....	.20	.35	1.50
401	King of Denmark .....	.20	.35	1.50
402	Bloomsdale (Long standing) ..	.20	.35	1.50
403	New Zealand .....	.25	.40	1.75
404	Long Standing Gaudry (Nobel)	.20	.35	1.50

## SQUASH.

405	Mammoth White Bush .....	\$0.45	\$0.80	\$3.75
406	Buttercup .....	.70	1.30	6.00
407	Giant Summer Crookneck .....	.50	.90	4.00
409	Table Queen .....	.60	1.15	5.00
410	Delicious .....	.60	1.15	5.00
411	Improved True Hubbard .....	.60	1.15	5.00
412	Spaghetti .....	1.50	2.90	13.50
413	Golden Hubbard .....	.60	1.15	5.00
418	Blue Hubbard .....	.60	1.15	5.00
420	Mammoth Chili .....	.80	1.50	6.75

## TOMATO.

No.		1/4 lb.	Lb.
425	Earliana .....	\$0.75	\$2.60
426	Scarlet Dawn .....	2.00	6.00
427	New Stone .....	.75	2.60
428	Pritchard .....	1.25	4.00
429	Matchless .....	.75	2.60
430	Dwarf Stone .....	1.25	4.00
431	Break o' Day .....	1.15	3.50
433	New Marglobe .....	1.15	3.50
434	Chalk's Early Jewel .....	.75	2.60
435	Special Earliana .....	.85	3.00
436	John Baer .....	.85	3.00
437	Ponderosa .....	1.60	5.00
438	Enormous .....	1.70	5.35
439	Golden Beauty .....	1.30	4.10
441	Oxheart .....	2.50	7.50
443	June Pink .....	1.30	4.10
444	Bonny Best .....	.75	2.60
446	Yellow Pear .....	1.50	4.50
447	Yellow Plum .....	1.50	4.50
448	Yellow Cherry .....	1.50	4.50
449	Red Currant .....	1.50	4.50
455	Husk Tomato (Ground Cherry)	1.50	4.50

## TURNIP.

No.		1/2 lb.	Lb.	5 lbs.
460	Purple Top Strap Leaf .....	\$0.30	\$0.50	\$2.00
465	Purple Top White Globe .....	.30	.50	2.00
466	Snowball or Six Weeks .....	.30	.50	2.00
467	Cow Horn .....	.30	.50	2.00

## RUTABAGAS.

475	Improved Purple Top .....	\$0.35	\$0.60	\$2.50
477	Neckless .....	.35	.60	2.50
478	White Russian .....	.35	.60	2.50

## DILL.

485	Giant .....	\$0.40	\$0.70	\$3.00
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# OLDS' RELIABLE ANNUAL FLOWERS

OLDS'  
FLOWER SEED



Olds' Finest Mixed Wilt Resistant Asters.

## HOW TO PLANT FLOWER SEEDS

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of bone meal or Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. If you will do this and will use Olds' Seeds, you may confidently look forward to spring, summer and autumn enriched by the beauty and fragrance of your own flowers. We advise protecting early set plants with Hi-Caps. See inside back cover.

Perennials and Biennials are listed on pages 53 to 55. These can be planted throughout the summer. Keep your book. You will want to refer to it. All flower seed prices are postpaid prices.

The meaning of the initial preceding each variety is as follows:

A. indicates an Annual; these grow, bloom and die the first year. B. indicates a Biennial; these grow the first year and bloom and die the next. Usually self seed. P. indicates a Perennial; these grow the first year, bloom the second and from year to year thereafter. H. indicates a Hardy Plant. H. H. indicates a Half-Hardy Plant. T. indicates a Tender Plant. Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.

## OLDS' ASTERS H. A.

(The favorite fall flower)

800½. Royal Mixed. (Early Flowering.) A new class of American aster, growing about 2 feet high. Very large double flowers with distinctly incurved petals. Recommended for the northern states. Pkt., 5c; ½ oz., 45c; oz., 80c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.

802½. ★Olds' Giant Branching. Mixed. One of the finest of all asters for cutting. Large, vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.

803. ★Sensation. (Wilt Resistant.) This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 10c; 2 pkts., 15c.

804. ★Giant White. (Branching.) One of the best white asters. Four inches in diameter. Pkt., 10c.

805½. Giant Shell Pink. (Branching.) The best clear light pink. Large flowers, graceful in form. Pkt., 10c.

807. Giant Crimson. (Branching.) A new variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 10c; 2 pkts., 15c.

800. ★Olds' Finest Mixed Wilt Resistant. This is a new mixture of Wilt-Resistant varieties of asters. By planting this strain asters can be grown on soil that has had to be abandoned on account of wilt. There are, however, two types of Aster disease, Aster Wilt and Aster Yellows. Wilt can be controlled by planting Wilt-Resistant varieties but the Yellows cannot be controlled by planting Wilt-Resistant seed as the Yellows are caused by an insect. This mixture contains the very best varieties, large flowers, bright colors in splendid assortment. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

*"Have used your seeds for over ten years and recommend them to any one. They grow where others fail."*—Mrs. Art Holland, Illinois.

*"I bought a dollar collection once before and had the finest vegetables I ever raised."*—Frank Wysup, Illinois.



Heart of France Aster.

805. ★Heart of France. The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 10c.

806. White Ostrich Plume. (Wilt Resistant.) Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness; very suitable for cut flowers. Pkt., 10c; 2 pkts., 15c.





Super Giant Los Angeles Aster.

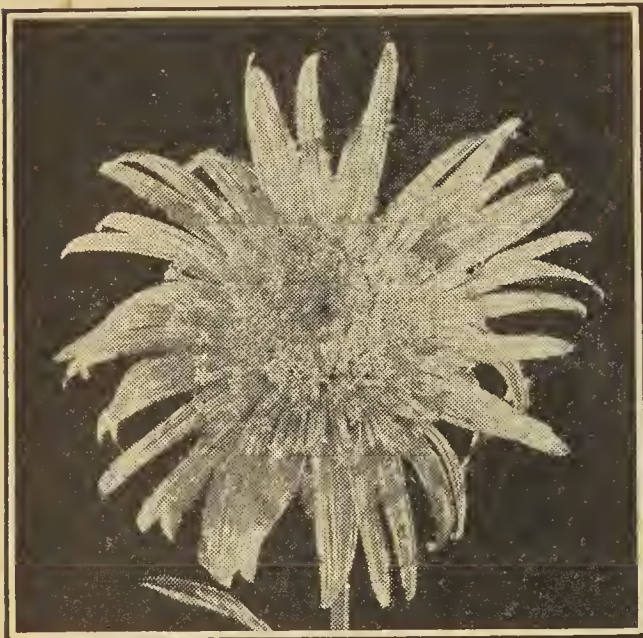
"I have used your seeds for over 15 years. Always good."—D. DeYoung, Illinois.

817. **California Giant Double, Mixed.** H. A. A combination of the sturdy habit of growth and long stems of the Beauty type of asters with the well-known Ostrich Feather type of large, graceful flowers. Three feet high. The colors are: white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 10c; 2 pkts., 15c; 1/2 oz., \$1.50; oz., \$2.50.

819. **Everlasting Aster.** H. A. A curious new aster resembling a Helichrysum. When cut and dried it has the color and shape of an everlasting flower. Plant early in the spring. Pkt., 5c.

811. **SUPER GIANT LOS ANGELES.** H. A. This is the largest and most fully double aster known. The flowers are from 6 to 8 inches across, full petalled and artistically graceful in the feathery effect of the interlacing ostrich-type petals. The color is soft shell pink blending to creamy pink in the center. Plants about 3 feet in height with 6 to 8 long lateral stems on a plant. Without doubt the best aster yet introduced. This is not a wilt-resistant variety. Pkt., 15c; 2 pkts., 25c, postpaid.

812. **PEERLESS YELLOW.** H. A. (Branching.) A deep yellow fading with age to a light yellow. Plant grows about 2 feet high of good form. Pkt., 10c; 2 pkts., 15c.



California Sunshine Aster.

"Olds' seeds were fine in spite of drouth."—Roy Dilley, Wisconsin.

815. **California Sunshine.** (Mixed.) H. A. An Anemone-flowered type of aster. The flowers have a raised center with the outside petals of a contrasting color, measuring 4 to 6 inches across. Without doubt one of the finest varieties for cutting on our entire list, and it is also the most resistant to disease. Our strain has extra long stiff stems. The beauty of this flower can hardly be described in words. Pkt., 10c; 2 pkts., 15c.

**ASTER PLANTS.** (Wilt-Resistant.) Olds' Finest Mixed. 35c per doz., 50 for \$1.15, postpaid.

825. **★AGERATUM.** H. A. Dwarf Blue. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing bright blue flowers in greatest profusion from early summer until frost. Pkt., 5c; plants, 35c per dozen.

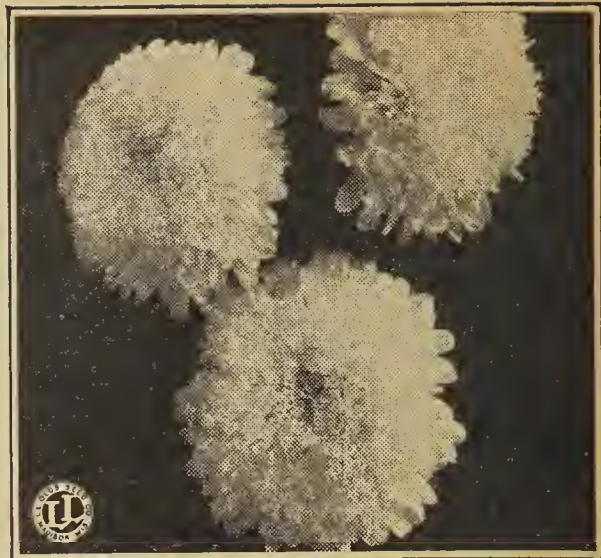
831. **★ALYSSUM, SWEET.** H. A. (Carpet Flower.) Little Gem. Carpet of snow. One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white, and honey scented. Pkt., 5c.

**BUTTERFLY FLOWER.** See Schizanthus, page 51.

860. **★BALSAM.** H. A. (Lady Slipper or Poor Man's Orchid.) Olds' Camellia Mixed. Produces its gorgeous masses of brilliant colored flowers in great profusion in the axils of the leaves. Pkt., 5c.

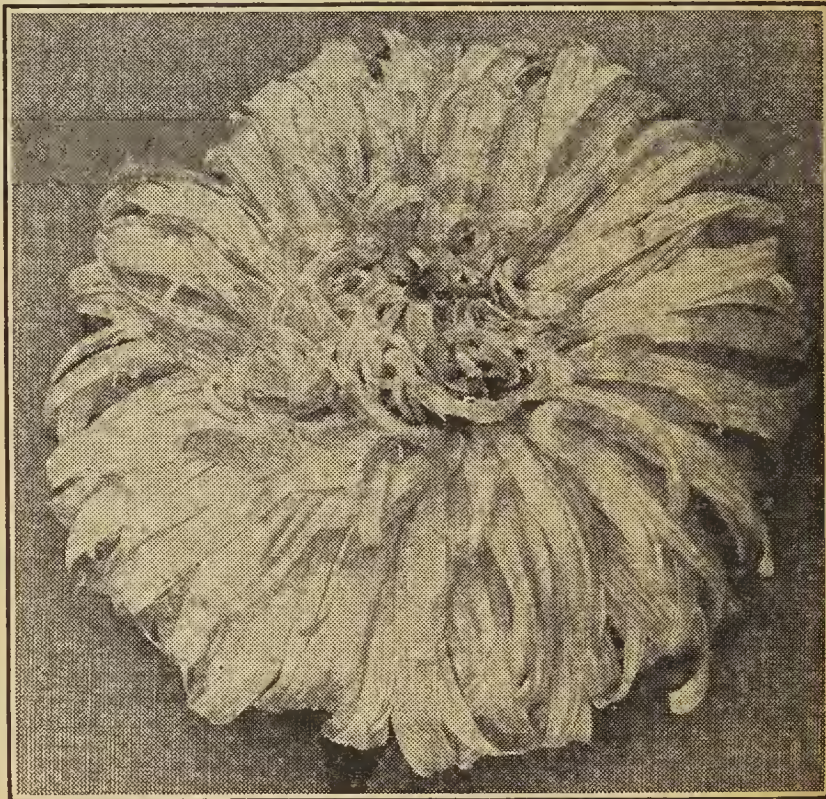
855. **★BACHELOR'S-BUTTON.** H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's-Button is one of the popular hardy, old-fashioned annuals. Pkt., 5c.

856. **BACHELOR'S-BUTTON.** H. A. Blue shades only. Pkt., 10c; 2 pkts., 15c.



Golden Sheaf Aster.

"We sure like your seeds."—Geo. F. Miller, Illinois.



California Giant Double Mixed Aster.



Balsam.



Batchelor's-Button.

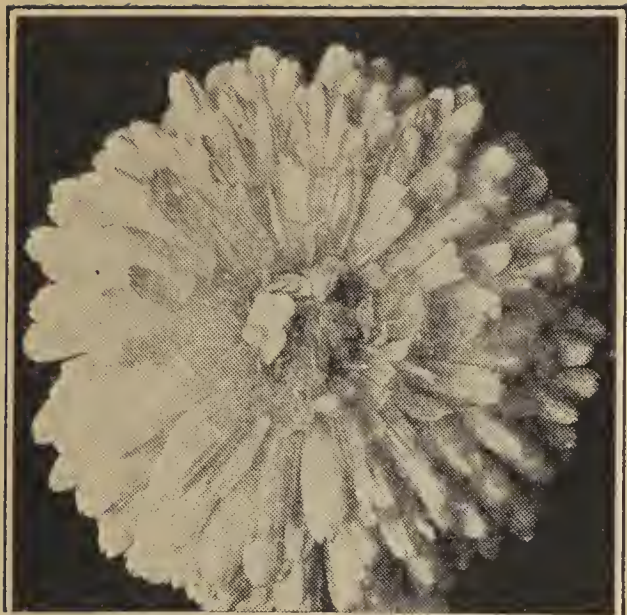


Ageratum.



Sweet Alyssum.





Chrysanth. Calendula.

### OLDS' CALENDULAS

864. **CHRYSANTHA.** The large Chrysanthemum-shaped flowers measuring 4 inches across are a clear buttercup yellow with long, loosely arranged drooping petals. Besides adding a splash of beautiful yellow color to your garden this Calendula also makes a fine cut flower. Its stems are long and stiff and the flowers keep well in water. Combined with blue flowers such as Delphiniums the effect is most striking. Pkt., 10c; 2 pkts., 15c.

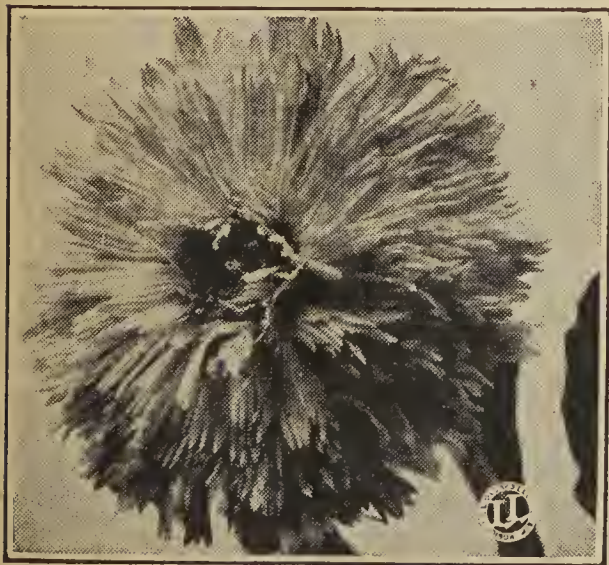
868. ★**OLDS' CAMPFIRE.** H. A. (Sensation.) Of vigorous growth, the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very handsome. Pkt., 5c.

865. **DOUBLE MIXED.** H. A. (Pot Marigold.) Freely flowering plants of easiest culture, succeeding everywhere. Pkt., 5c.

866. **ORANGE KING.** H. A. A very select, double dark, orange-red Calendula. Pkt., 5c.

Mixed Calendula Plants, 35c doz.

863. **SHAGGY.** H. A. A new lacinated petalled type. The color is a deep orange shading to slightly lighter orange in the center giving the flower a delightful two-toned effect. Plants about 18 inches tall. Exceedingly graceful and especially desirable for the garden. Note illustration shown in the lower left-hand corner. Pkt., 10c; 2 pkts., 15c.



Shaggy Calendula.



Clarkia.



Sensation Calendula.



Candytuft.

885. **CANDYTUFT.** H. A. Olds' Choice Mixed. Well known, hardy plants much used for borders and edging. Easy to grow. Season, July 'till heavy frost. Height, one foot. Pkt., 5c.

886. **CANDYTUFT.** H. A. Giant White Hyacinth Flowered. Snowy white flowers on sturdy large spikes. Much like a hyacinth. A good cut flower. Pkt., 10c; 2 pkts., 15c.

919. **CLARKIA ELEGANS.** H. A. Mixed. Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely; pretty double flowers carried on long, graceful sprays. Flowers resemble sprays of flowering almond. Pkt., 10c; 2 pkts., 15c.



Celosia.

905. **CELOSIA.** H. A. (Cockscomb.) Ostrich Plume. Very hardy annuals of easy culture, producing large ornamental comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 5c.

915. **CHRYSANTHEMUM.** H. A. Single Mixed. Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt., 5c.

880. **CANARY BIRD FLOWER.** H. A. A dainty vine growing 15 to 20 feet, with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. Does well in the shade. Pkt., 5c.

890. **CANNA.** H. A. Crozy's Best Mixed. Height, 2½ to 8 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. See illustration on page 59. Pkt., 10c; 2 pkts., 15c.

875. ★**CALLIOPSIS.** H. A. Fine Mixed. Showy, yellow flowers that thrive anywhere, some with base of petals of deep maroon. Blooms all summer. Pkt., 5c.

920. **COBAEA SCANDENS.** H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season. Will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green, then turn to a beautiful purple. Pkt., 10c; 2 pkts., 15c.

894. **CANTERBURY BELLS.** Annual Mixed. Here is a new variety of Canterbury Bell that brings spring into your garden in the fall. It will bloom from seed in 90 days. The plants grow from 2 to 2½ feet tall and each plant has from 6 to 8 spikes of bloom. Pkt., 10c; 2 pkts., 15c. Plants, 40c doz.

### CANNA BULBS.

See page 59.



Annual Canterbury Bells.





Double Early Flowering Mixed Cosmos.



Klondike Orange Flare Cosmos.

898. **CARDINAL CLIMBER.** H. A. A very handsome vine with finely-cut fern-like ornamental foliage; a strong rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c; 2 pkts., 15c.

**CASTOR OIL BEANS.** Pkt., 5c. Potted plants, 20c each. See Ricinus, page 50.



Ramona Escholtzia.



Escholtzia or California Poppies. (Fine Mixed.)

## OLDS' COSMOS

925. **Double Early Flowering Mixed.** H. A. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 10c; 2 pkts., 15c.

926. ★**Extra Early Colossal Mixed.** H. A. The Cosmos for the northern latitudes. The plant is graceful and delicate, the flowers single and as large as the late blooming kinds. Plants grow 4 to 6 feet high. Pkt., 5c; ½ oz., 30c; oz., 50c.

927. **KLONDIKE ORANGE FLARE.** H. A. An early-flowering strain produced in four months from seeding. Marigold-like foliage 2 to 3 feet tall and bushy. Flowers a deep, brilliant orange color.

This variety was displayed in the Horticulture Building at the 1934 Century of Progress and created a great deal of attention. It should prove a very popular flower in the northern states. Pkt., 15c; 2 pkts., 25c.

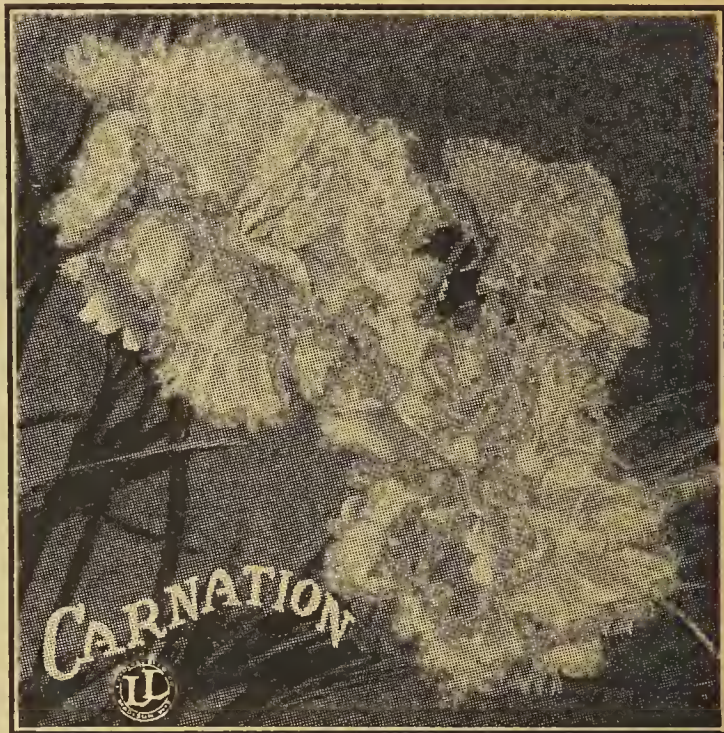
**Order Lawn Grass Seed Now.** We have a mixture for every purpose. See inside front cover.

Note. **CARNATIONS** while perennial are not hardy in the north and should be treated as annuals.

900. **CARNATION.** H. H. P. New Double Chabaud's Giant. (Improved Strain.) Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 10c; 2 pkts., 15c.

901. **CARNATION.** H. H. P. Yellow Marguerite. A unique color in carnations. Seed will produce about 75% true. Pkt., 10c; 2 pkts., 15c.

See pages 53-55 for Perennial Flower Seeds.



## OLDS' AMAZEMENT FLOWER GARDEN

This mixture is made up of many attractive and easily grown annuals. Some of the varieties are standard favorites, but many are little known, beautiful flowers. Our "Amazement Garden" will please you with a succession of bloom from early spring until late fall. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.

## OLDS' ESCHOLTZIAS OR CALIFORNIA POPPIES

874. ★**RAMONA.** H. A. A striking novelty which has been accepted as a very desirable type of fancy Escholtzia. Flowers are ruffled and of a beautiful gold color. Pkt., 5c.

870. **FINE MIXED.** H. A. (Escholtzia.) The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 5c.

872. **CARMINE KING.** H. A. Beautiful carmine-rose, both inside and out. Pkt., 5c.

873. **GOLDEN.** H. A. The true wild California Poppy. Largest flowers. Pkt., 5c.

871. ★**AUTUMN GLORY.** H. A. A new orange yellow, double, California Poppy which is easily grown from seed. Flowers are shaped like early, double tulips. Pkt., 5c.





*Centaurea, Imperialis* (Sweet Sultan).

911. ★**CENTAUREA**. *Imperialis*. H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long strong stems. When cut, will last for days in water. Very easy to grow. Combines well with other flowers. Pkt., 5c.



*Didiscus*.

959. **DIDISCUS**, *Coeruleus*. H. A. (Blue Lace Flower.) A beautiful blue-flowering annual growing about 3 feet tall. Very fine for cutting. Pkt., 10c; 2 pkts., 15c.

985. ★**GAILLARDIA**. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. One of our most profuse blooming annuals. Grows 1½ feet tall with grey-green foliage. Pkt., 5c.



*Gypsophila*.

930. **CYPRESS VINE**. H. H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped scarlet or white blossoms; finely cut leaves. Pkt., 5c.

934. **CYNOGLOSSUM**. *Amabile*. H. A. This new Chinese Forget-Me-Not forms erect bushes 18 inches high covered with beautiful brilliant blue, fragrant flowers. Blossoms from May to October. Fine for the border. Very easy to grow. Pkt., 5c.

943. **DAISY**. *Arctotis*. H. A. (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eyes. Underside of petals bluish. Pkt., 5c.

944½. **DAISY**. Golden Orange. H. A. A showy African Daisy with large, glossy, orange-red flowers. Pkt., 10c; 2 pkts., 15c.

942. **DIMORPHOTHECA**. H. A. Mixed Hybrids. Commonly called Showy African Daisy. See illustration of Golden Orange African Daisy above. Our mixture contains many beautiful shades of yellow, salmon, gold and white. Pkt., 10c; 2 pkts., 15c.

936. **DAHLIA**. H. A. Improved Coltness Hybrid. A dwarf, compact, single-flowered Dahlia easily grown from seed. Attains a height of 1 to 1½ feet. Will produce flowers freely throughout the season of many vivid and striking shades. Pkt., 10c; 2 pkts., 15c.

935. **DAHLIA**. H. A. Double Mixed. Large flowering. Dahlias can be grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 10c; 2 pkts., 15c.

**DAHLIA BULBS**. See page 60.

950. **DIANTHUS**. H. A. (Pinks.) Mixed. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. Pkt., 5c.

960. **DOLICHOS**. H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and pods are very ornamental. Pkt., 5c.

969. **EUPHORBIA**. H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Splendid for bouquets. Pkt., 5c.

970. **FORGET-ME-NOT**. H. A. (*Myosotis*.) One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 5c.

975. **FOUR O'CLOCK**. H. A. (Marvel of Peru.) Mixed. Handsome, free-flowering, many colored blossoms. A good flower of hardy, bushy habit, very charming as a hedge plant. Pkt., 5c; oz., 20c.

**Gladiolus Bulbs**. See pages 58 and 59.

### OLDS' EVERLASTINGS

Grow your own winter bouquets. How welcome they are in the winter when flowers are scarce; also fine for presents. Cut before fully open, bunch and hang for ten days in a dark, dry, room.

The six varieties listed below are all very fine for winter bouquets.

965. ★**HELICHRYSUM**. Mixed. H. A. Double flowers in glittering colors. The well-known strawflower. Pkt., 5c.

967. **ACROCLINIUM**. Mixed. H. A. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Pkt., 5c.

968. **STATICE**, *Sinuata*. H. A. Dense groups of blossoms near the top of the stems of a charming rose color. Pkt., 10c; 2 pkts., 15c.

997. **GOMPHRENA**. H. A. Best Mixed. (Globe Amaranth.) A showy annual everlasting or strawflower, resembling a large clover blossom. Pkt., 5c.

994. **GYPSOPHILA**, *Elegans*. H. A. The popular minute white flowers used by florists so much in bouquets. Usually called Baby's Breath. Pkt., 10c; 2 pkts., 15c.

1026. **LUNARIA**. H. A. (Silver Dollar Plant.) The flowers are purple, followed by silvery seed pods which make wonderful winter decorations. Pkt., 10c; 2 pkts., 15c.



GOLDEN  
ORANGE  
DAISY



Improved Coltness Hybrid Dahlia.



*Helichrysum*.





Sunlite Hunnemannia.



Godetia.



Mixed Gourds.

990. **GODETIA**. H. A. Best Mixed. A very pretty annual which should be more largely and more extensively grown. Attains a height of about 1½ feet. The flowers have a satiny texture with many beautiful colors. A profuse bloomer. Does well in poor soil. Pkt., 5c.

995. **GOURDS**. H. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Do not plant near squash or pumpkin. It will make them bitter. Large types make fine birdhouses. Pkt., 5c.

1001. **HUNNEMANNIA**. H. A. Sunlite. A double-flowered bush poppy having much the appearance of a clear canary yellow tulip, two inches in diameter. The extra bands of petals are not on the inside but on the outside, making the flower appear open even after the cup-like blossoms are closed for the night. The foliage is a light grey-green. Grows about 2 feet high. Requires a sunny, well drained location. Flowers freely in late summer. Plant after the soil becomes warm. Pkt., 10c; 2 pkts., 15c.

1013. ★**KOCHIA**. (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 5c.

1007. ★**HOLLYHOCK**. Annual Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c.

1010. **HUMULUS**. H. A. Japonicus. (Japanese Hop.) A fine porch vine. Makes a rapid growth. Heat, drouth, and insects will not affect it. Pkt., 5c.

1018. **LARKSPUR**. H. A. Los Angeles. In this variety we have a rich salmon overlaid with a brilliant and pleasing rose. Note illustration for type of growth. Pkt., 10c; 2 pkts., 15c.

1015. ★**LARKSPUR**. H. A. Fine Mixed. Tall, old-fashioned spikes of blue. Pkt., 5c.

1016. ★**LARKSPUR**. H. A. La France. Salmon-pink shade of the stock flowering type. Just like Los Angeles except in color. Pkt., 10c; 2 pkts., 15c.

1025. ★**LOBELIA**. H. A. Dwarf Blue. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Attractive in window boxes or edging flower beds. Pkt., 10c; 2 pkts., 15c.

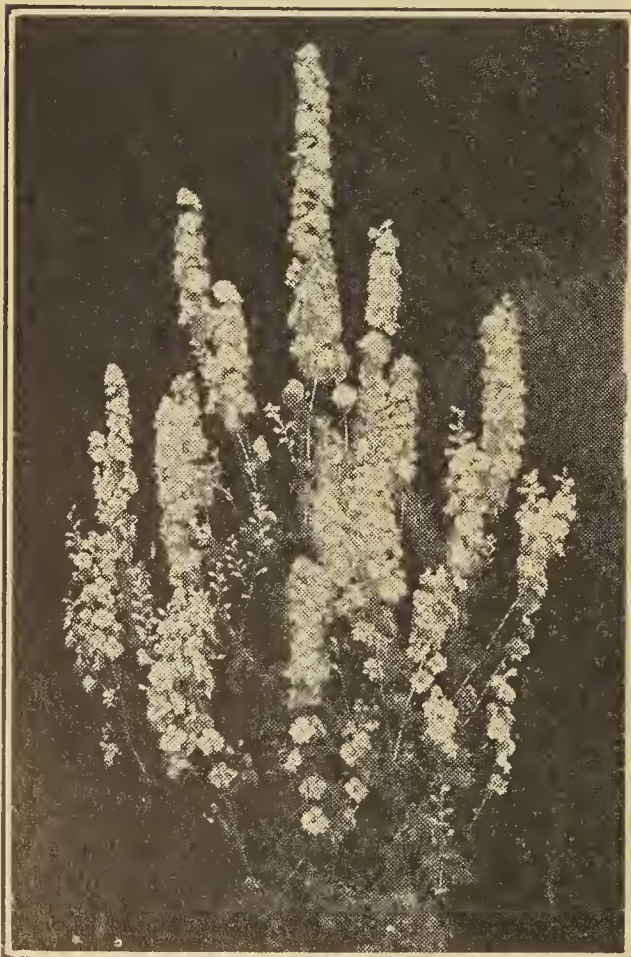
1023. **LINARIA**. Maroccana Hybrid Mixed. H. A. A beautiful little annual which is easily grown from seed. Flowers resemble small Snapdragons with spurs similar to a Columbine. The plant grows about one foot high and will usually bloom from seed in eight weeks. A fine flower which we are sorry to say is little known. Pkt., 10c; 2 pkts., 15c.

1028. **LUPINUS**. Hartwegii Giants. H. A. Easy to grow and a great improvement over the old variety. It is an annual of very striking habit, growing from 3 to 4 feet tall, and of the base branching type with 4 to 6 long spikes to the plant. The foliage is a beautiful cress green. Spikes contain 25 to 50 more blooms than the old type and the blooms are larger. A fine cut flower. Pkt., 10c; 2 pkts., 15c.



Heliotrope.

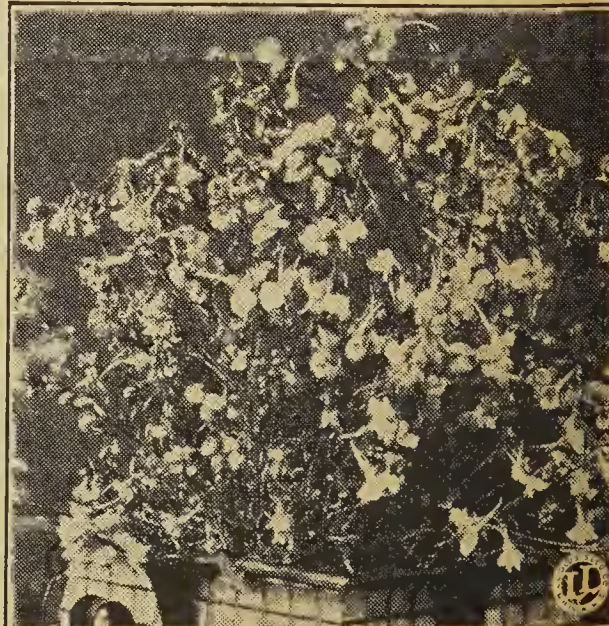
1000. **HELIOTROPE**. H. H. P. Choice Mixed. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 10c; 2 pkts., 15c.



Los Angeles Larkspur.



Hartwegii Giant Lupinus.



Linaria.





Mixed Marigolds.

## OLDS' MARIGOLDS.

Marigolds from early summer to late fall supply the garden with their wealth of color. Too well known to require much in the way of description.

1030. **Mixed French.** H. A. The favorite, dwarf, highly-colored variety. Pkt., 5c. Plants, 35c dozen.

1030½. **Tall Double French Mixed.** H. A. Much taller than the French Dwarf mixed. Grows to a height of about 30 inches. Colors, yellow, cream, orange and rusty brown. Pkt., 5c.

1031. **Lemon Queen.** H. A. Large, showy, double-quilled African Marigolds. Pkt., 10c; 2 pkts., 15c.

1031½. **African Mixed.** H. A. An exceptionally fine, tall branching strain bearing enormous flowers of the quilled type. Pkt., 5c.

1032. **Tagetes Signata Pumila.** H. A. (Border Marigold.) A miniature Marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 5c.

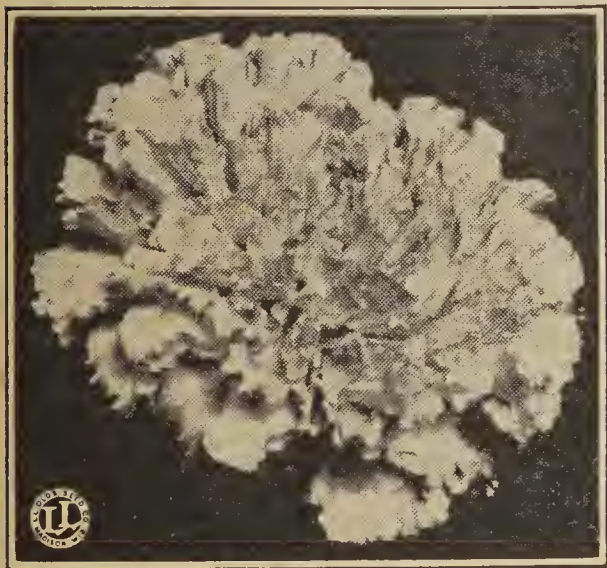
1033. **DIXIE SUNSHINE.** H. A. Our new marigold shown on page 3. Very beautiful but rather late for the north. Pkt., 15c; 2 pkts., 25c.

Protect your hands with **Easy Wear Garden Gloves.**  
See page 95.

1034. **GUINEA GOLD.** H. A. Here is a treasure chest for your garden. Guinea Gold, whether grown for cut flowers or in the border, is one of the most beautiful and attractive annuals to be had.

The large double flowers are startling. The color is a rich Guinea Gold which can almost be described as a brilliant orange, a color which will harmonize well with other colors. The flowers will last for weeks as cut flowers and the plants are a mass of bloom until frost. While the flower is double it is not a solid double but the petals are beautifully waved and fringed. The characteristic Marigold odor is much less noticeable in this variety. It grows 2 to 3 feet tall. Pkt., 10c; 2 pkts., 15c.

1032½. **YELLOW SUPREME.** H. A. It is quite similar to Guinea Gold, but the flowers are slightly larger and of a creamy lemon-yellow color. The plant is 2 to 3 feet tall, and is free blooming. It does not have the characteristic strong marigold odor. Flowers will keep 10 days in good condition after cutting. Pkt., 10c; 2 pkts., 15c.



Yellow Supreme Marigold.



Guinea Gold Marigold.

1035. **MIGNONETTE.** H. A. Mixed. Of dwarf, pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 5c.

1040. **MOONFLOWER.** H. A. Mixed. A fine, ivy-leaved climber, covered every evening with large, fragrant flowers. Pkt., 10c; 2 pkts., 15c.

**Note:** Plant Morning Glories on your poorest soil. They will not bloom well on rich soil.

1045. **MORNING GLORY.** H. A. Imperial Japanese. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 5c; oz., 30c.

1047. **MORNING GLORY.** H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Fine for porches or trellis. Pkt., 5c; oz., 20c.

1048. **MORNING GLORY.** Heavenly Blue. H. A. Flowers measure 3 to 4 inches across. Clear blue with white throat. Pkt., 15c; 2 pkts., 25c.

"Enclosed find \$1.00 for seed collection. Have used your seeds about twenty years and they are always satisfactory."—  
Jos. H. Dahman, Wisconsin.

## OLDS' ANNUAL FLOWER GARDEN

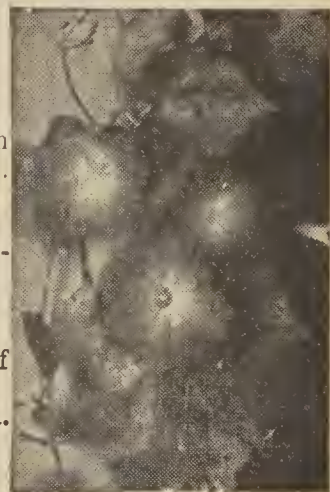
12 PKTS. FOR 40c, POSTPAID.

This collection is composed of a full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until frost.

Alyssum, Little Gem.  
Snapdragon, Giant Fragrant.  
Bachelors Button, Mixed.  
Balsam, Olds' Camellia  
Mixed.  
Calendula, Double Mixed.  
Calliopsis, Fine Mixed.  
Celosia (Cockscomb), Os-  
trich Plume.

Cosmos, Extra Early Colos-  
sal Mixed.  
Dianthus, Mixed.  
Four o'clock, Fine Mixed.  
Marigold, Mixed Dwarf  
French.  
Poppy, Olds' Finest Mixed.

Flower Seed Prices are all postpaid prices.

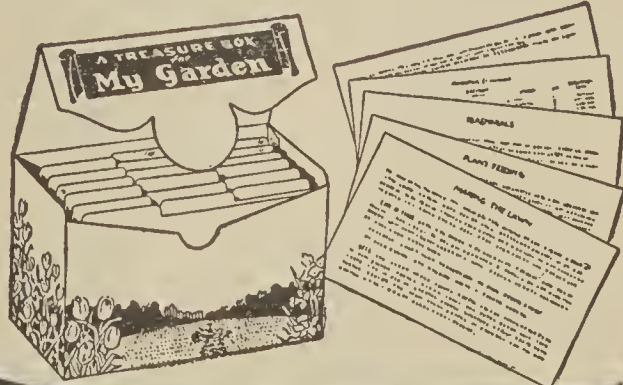


Moonflower.

## TEN RULES FOR SUCCESS WITH FLOWERS

Each Must Be Observed.

1. Buy good seed. Cheap seed is not likely to be a bargain.
2. Plant new sorts. Variety is the spice of life.
3. Sow enough to make a showing, but do not sow too early. Wait until the ground is warm.
4. Prepare the soil thoroughly. Use the spade first. Add plant food.
5. Sow the seed thinly. Mix fine seed with sand to make it easier to sow.
6. Sow the seed to a depth of four times its diameter. Shade the seedlings if in the direct light of the sun.
7. Thin or transplant to proper distances. Crowding seedlings causes tall and spindly plants which will not produce the kind of flowers you want.
8. Cultivate, not just to keep the weeds down but also to retain the moisture in the soil.
9. Annuals will stop blooming if allowed to seed. Cut off all faded blossoms.
10. Water thoroughly. Do not bring the roots to the surface by wetting the soil. Soak the ground good and water often. All flowering plants must have plenty of moisture when they are blooming.

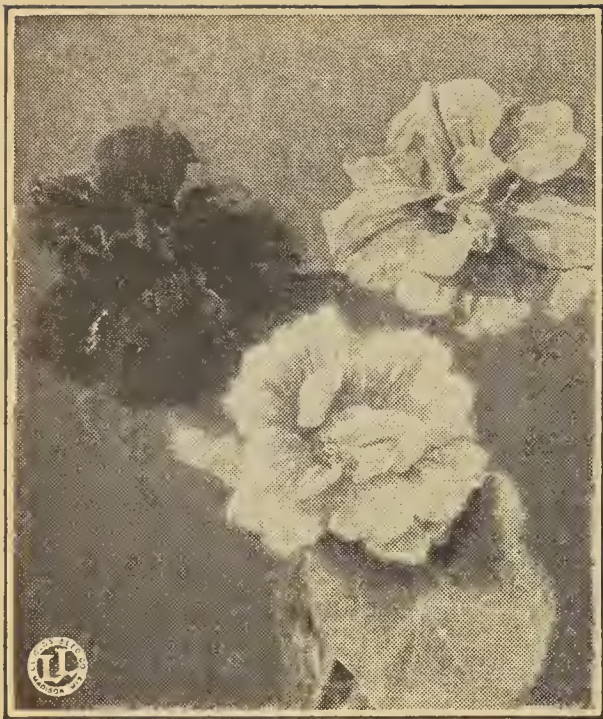


## Garden Treasure Box

Here is a complete Garden Guide you should have, 122 cards printed on both sides in a colorful, attractive, sturdy box. All just crammed with practical, useful ideas and botanical and horticultural information on over 800 plants.

Special price. 35c, postpaid.





Double Gleam Mixed Nasturtiums.

### DOUBLE DWARF GEM NASTURTIIUMS

This year we offer for the first time a new class of double Nasturtiums, Dwarf Gems. The flower is very similar to the double Gleam type, but the plant is more compact and they do not throw out runners like the Gleam. Plants of this type grow only from nine to twelve inches tall and are very compact in form. It is our opinion that this type will displace the Gleam type for the home flower garden. We offer a separate color, Golden Globe, and mixed colors this year. See pages 2 and 3 for complete descriptions of these varieties.

### SINGLE NASTURTIIUMS

1060. Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. Olds' Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep them picked and then they will keep blossoming. Large pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c, postpaid.

1050. ★Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds and for borders. Olds' Dwarf Mixed comprise a wonderful assortment of rich and varied shades. Large pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c.

## OLDS' NASTURTIIUMS.

### DOUBLE GLEAM NASTURTIIUMS.

1058. Double Gleam Hybrid Mixed. H. A. This mixture contains a wide range of colors of the Gleam type double mixed. The plants are half dwarf and the flowers semi-double. The bushy plants throw out runners averaging about two feet in length. As the plant nears complete development, it is a blaze of color. Under unfavorable growing conditions, these will not come 100% semi-double. Selection work is being done each year and they will soon be brought to a point whereby they will come practically 100% double. Pkt., 10c; 2 pkts., 15c; oz., 25c; 1/4 lb., 75c; lb., \$2.25.



Double Golden Gleam Nasturtiums.



Double Scarlet Gleam Nasturtium.

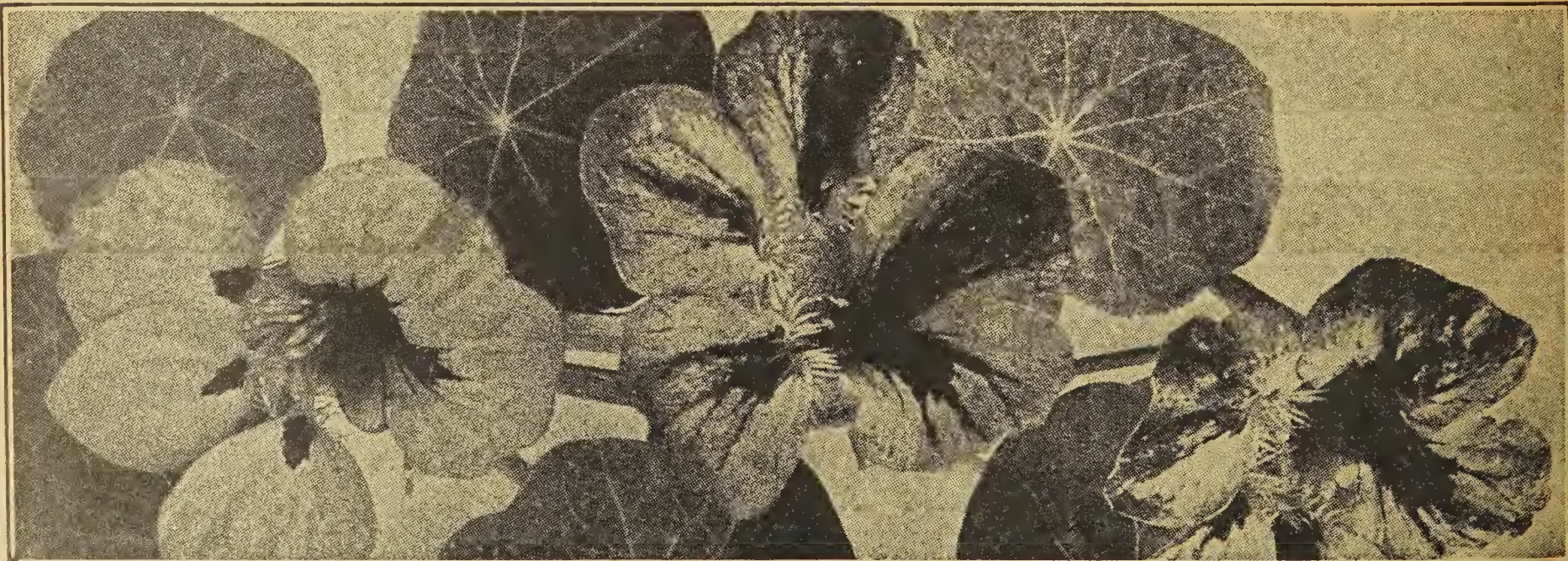
1056. Scarlet Gleam. H. A. Similar to our popular Double Golden Gleam but is a rich scarlet color. The plant is half-dwarf, bushy, with a few short runners. The blossoms are semi-double with ruffled petals. Profuse bloomer. Pkt., 15c; 2 pkts., 25c; oz., 50c, postpaid.

1055. Golden Gleam. This new Nasturtium is semi-dwarf, forming a large vigorous bush which throws out runners averaging about 24 inches in length. The flowers begin coming as soon as the plant nears complete development and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. Flowers measure 2 1/2 to 3 inches across, borne on stiff, erect stems, 6 to 8 inches in length, the flowers standing well above the foliage. Very fragrant. Pkt., 5c; oz., 15c; 1/4 lb., 60c; lb., \$1.75.

### ANNUAL VINES.

We receive many requests for the names of annual vines suitable for screening unsightly places and for covering trellises and fences. To make it easier for our customers to select the vines from our long list of flower seeds, we are listing below the ones we recommend for this purpose.

Name	Packet	Page
Scarlet Runner Bean.....	10c	50
Morning Glory .....	5c	47
Ornamental Gourds.....	5c	46
Cardinal Climber.....	10c	44
Cypress Vine .....	5c	45
Cobaea Scandens .....	10c	43
Humulus .....	5c	46
Dolichos .....	5c	45



Olds' Tall Single Mixed Nasturtiums.





Nicotiana.

## OLDS' POPPIES.

1120. **Olds' Finest Mixed.** H. A. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. Pkt., 5c.

1121. **Improved Carnation.** H. A. Splendid, large, double flowers of many shades. Resembling Carnations. Pkt., 5c.

1122. **Re-selected Shirley.** H. A. Silk or Ghost Poppies. Beautiful, satiny flowers. Pkt., 5c.

1127. **Flanders.** H. A. Vivid scarlet-red. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 5c.

1066. **NICOTIANA MIXED.** H. A. (Flowering Tobacco.) Large, trumpet-shaped flowers on plants 2 feet high. Easy to grow. Pkt., 10c; 2 pkts., 15c.



## OLDS' PETUNIAS

Note—See page 2 for our new Petunias shown on front cover.

1100. ★**Olds' Finest Mixed.** H. A. The largest and richest of all Petunias. A selection of the choicest ruffled California giants. Start plants in flats or window boxes. Pkt., 20c; 2 pkts., 35c.

1101. **Rose of Heaven.** Quite similar to Rosy Morn but excels it in its rich brilliant rose color without the white throat. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.50. Plants 40c dozen.

1102. **Choice Mixed.** H. A. Will produce an abundance of small, bright flowers. This is the type to use for bedding. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00.

1103. ★**Rosy Morn.** H. A. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter, with throats of silvery-white, the rest of the flower heavily flushed with soft, rosy pink. Very popular for porch boxes and bedding. Pkt., 10c; 2 pkts., 15c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.50. Plants, 40c dozen.



Shirley, Poppy.



Pink Gem Petunia.

1105. **PINK GEM.** H. A. The first of a new race of charming miniature Petunias (Campacta Nana.) The neat compact plant grows about 6 inches high and is literally smothered with pink blossoms. As many as thirty flowers have been counted on a single plant. Individual blossoms will measure two inches across. Plant this delightful little flower in window boxes, pots, rock gardens, and in beds edged with a dwarf blue flower such as Ageratum. Pkt., 10c; 2 pkts., 15c.



Star of California Petunia.

1106. **MAXIMUM FRINGED, ALL DOUBLE** H. A. Here is a Petunia that comes practically 100% double and semi-double or carnation flowered right from the seed. Heretofore most double Petunias have had to be propagated from cuttings as only 10 to 15% would come double from seed. The flowers are of many brilliant and intermediate colors. Very large, actually measuring as much as five inches across and exquisitely ruffled and fringed. It makes a very beautiful pot plant and a showy display in the window box. Pkt., 25 seeds, 25c; 2 pkts., 40c, postpaid. Plants, 15c each.

"I am pleased with the seed we get from your firm. We could not think of using any other cabbage seed. Sure had fine cabbage for the last five years."—Mrs. J. F. LePere, Illinois.

"We have used L. L. Olds' seeds for thirty years at least and they always give perfect satisfaction, so I expect we will always buy from you."—Mrs. M. S. Parker, Pennsylvania.

1104. ★**Star of California.** H. A. This is a magnificent Petunia of the balcony type. Bred with extremely long branches. The flowers are a rich velvety violet with a touch of crimson, starred with five pure white blotches. The effect in window boxes or hanging baskets is dazzling. In some localities this variety will not bloom true. However, it is well worth trying. Pkt., 10c; 2 pkts., 15c.

1107. **Purple Balcony.** H. A. A fine Petunia for bedding or window boxes. The color is a deep purple which blends well with red geraniums and other bedding plants. Pkt., 10c; 2 pkts., 15c; plants, 40c doz.

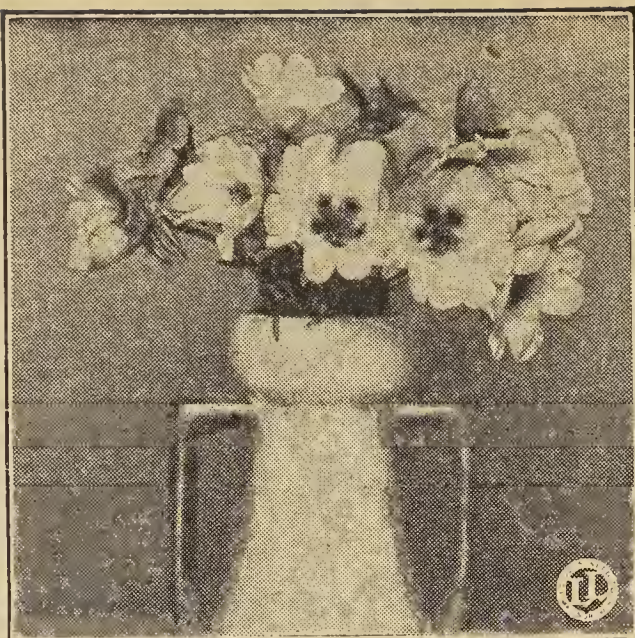


Max. Fringed, All Double Petunia.





Double Mixed Scabiosa.



Single Mixed Portulaca.

1155. **SCABIOSA.** H. A. Double Mixed. (Pincushion.) A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Lasts for days when cut. Pkt., 5c.



1110. ★**PHLOX.** H. A. Olds' Finest Mixed. One of the easiest to grow of all annuals. Flowering continuously from a few weeks after seed is sown. Remove faded flowers to encourage blooming. A splendid mixture of pleasing colors and varieties. Pkt., 10c; 2 pkts., 15c; plants, 35c doz.

1114. **PHLOX.** H. A. Starred and Fringed. Pretty star-like flowers of many colors, some fringed. Pkt., 10c; 2 pkts., 15c.

1113. **PHLOX.** H. A. Gigantea Art Shades. A new strain of annual phlox with flowers one and 1/4 inches in diameter. See page 3. Pkt., 20c; 2 pkts., 35c.

39. **SCARLET RUNNER BEAN.** H. A. A quick vigorous growing climber producing bright, scarlet flowers. Beans are edible. 2-oz. pkt., 10c.

1145. **SALPIGLOSSIS.** H. A. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Keeps fresh in water a long time. Pkt., 5c.



Mixed Salpiglossis.

## PORTULACA.

(Rose Moss.)

1130. **PORTULACA.** H. A. Double Mixed. (Rose Moss.) Small, fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 90c; 1/2 oz., \$1.50; oz., \$2.50.

1131. ★**PORTULACA.** H. A. Single Mixed. Even more beautiful than the double. Fine for edging or bedding. Pkt., 5c; 1/2 oz., 40c; oz., 65c.

1140. **RICINUS.** H. A. (Castor Bean.) Stately, ornamental plants 8 to 10 feet tall, with picturesque foliage, giving a tropical effect. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

1150. ★**SALVIA.** America. H. A. This variety grows 14 inches tall and is the best and most continuous bloomer of all the Salvias. Very uniform in habit of growth, making it ideal for bedding. Scarlet flowers. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.00. Plants, 50c dozen; 50 for \$1.50.

1152. **SALVIA.** Fireball. H. A. Taller than the America, growing about 18 inches in height with numerous flowering spikes of fiery scarlet. The plant branches freely and side shoots often produce 4 to 5 flowering spikes each. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 75c.

"We think Olds' seeds are fine and will be ordering more as soon as we can spare the money."—Mrs. Nels H. Thompson, Wisconsin.

"Thank you so much. I have never had such beautiful poppies and nasturtiums as I had last year from your seed."—Mrs. Frank Rushton, Wisconsin.

Ricinus (Castor Bean).



Salvia or Scarlet Sage.





Rust-Proof Snapdragons.

### OLDS' SNAPDRAGONS

844. **UNIVERSITY OF CALIFORNIA.** (Rust Proof.) H. A. In the last few years many flower growers and gardeners had to give up the growing of Antirrhinums (Snapdragons) due to the severe damages caused by rust. The University of California was very active in producing a strain of rust-proof Antirrhinium and this new mixture has been named after that university. In the trial this year over 75% of the plants were rust proof. The University of California Mixture contains practically all the colors to be found in Snapdragons and we are very proud to offer this most excellent mixture of rust-proof Snapdragon to our customers. Pkt., 20c; 2 pkts., 35c, postpaid.

840. **Dwarf Mixed.** H. A. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected until, when the improved new varieties appeared, they suddenly became popular again. The brilliant blossoms remain through the summer and fall. Pkt., 10c; 2 pkts., 15c. Plants: Doz., 30c; 50, \$1.00.

841. **Giant Fragrant.** H. A. (Maximum Strain.) Grows 3 feet tall with long stalks of large flowers, two to three inches across. Our strain is the largest of all. Pkt., 10c; 2 pkts., 15c.

843. **Rock Hybrids.** H. A. Early flowering hybrids forming small, compact bushes about 8 inches high, suitable for rock gardens. Pkt., 15c; 2 pkts., 25c.

"I recommend your seed as the best I have ever planted. Last summer was a very dry summer, but I had a fine garden from your seed just the same."  
—Peter Johnsen, Michigan.



1160. **SCHIZANTHUS.** H. A. (Butterfly Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many-colored flowers that the foliage is almost concealed. Pkt., 5c.



Large Flowering Dwarf Ten Weeks Stock.

1172. **STOCKS.** H. A. Large Flowering Dwarf Ten Weeks. (Mixed.) The flowers appear on long, stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c; 2 pkts., 15c.

1180. **SUNFLOWER.** H. A. Japanese or Chrysanthemum-Flowered. Bright yellow, double flowers, resembling chrysanthemums. Pkt., 5c.

1185. **SUNFLOWER.** H. A. Mammoth Russian. Immense plants, 12 feet high with single blossoms from 6 to 15 inches across. Oz., 5c; 1/4 lb., 10c.

1303. **CHINESE WOOLFLOWER.** H. A. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. Pkt., 10c; 2 pkts., 15c.



Giant Snapdragon.

Order Lawn Grass Seed Now. Our mixtures are the best. See inside front cover.

"Olds' seeds always grow best." — Eunice Nottorf, Kansas.

1302. **THUNBERGIA.** H. A. (Black-Eyed Susan.) A well-known trailing plant for training on stumps and fences. The leaves are heart shaped and the flowers creamy orange color with throat and eyes of dark blue or black. Blooms in mid-summer. Suitable for window boxes. Pkt., 10c; 2 pkts., 15c.

1310. ★**VINCA.** Periwinkle. T. P. (Old Maid.) A very pretty plant growing about 15 inches in height. Comes from the Island of Madagascar. It forms a very attractive, bushy plant with an abundance of dark, glossy, green foliage and bears a profusion of flowers at the axils of the leaves. The flowers are single, averaging 1 1/2 inches across. It should be treated as an annual. Blooms during the late summer in August from early sown seed. A fine feature of this plant is that it is entirely free from the attacks of insects and can be taken up before frost, potted and put inside where it will continue to bloom during the winter. Pkt., 10c; 2 pkts., 15c.

"I am pleased with the seed we get from your firm. We could not think of using any other cabbage seed. Sure had fine cabbage for the last five years." — Mrs. J. F. LePere, Illinois.



Double Sunflower.



# OLDS' SWEET PEAS



1200. ★Olds' Prize Mixed. We believe this is the best possible mixture of the old-fashioned sweet scented or grandiflora sweet peas. Many named varieties mixed. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c.

1201. Sunrise Mixed. Early-flowering Spencers. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 10c; 2 pkts., 15c; oz., 40c; ¼ lb., \$1.25.

1203. ★Olds' Mixed Giant Spencers. A long stem, well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## OLDS' SPENCER SWEET PEAS

1211. Austin Frederick Improved. The best new lavender. Pkt., 5c; oz., 20c

1212. Constance Hinton. The best white sweet pea. Pkt., 10c; 2 pkts., 15c; oz., 25c.

1213. Defiance. A fine orange scarlet variety. Pkt., 10c; 2 pkts., 15c; oz., 30c.

1214. Heavenly Blue. A beautiful soft tone of delphinium blue. Flowers of immense size. Pkt., 10c; 2 pkts., 15c; oz., 35c.

1215. Mary Pickford. A sweet pea that has created quite a sensation. The color is a dainty cream-pink lightly suffused with salmon. Most charming. Pkt., 10c; 2 pkts., 15c; oz., 25c.

1216. Matchless. Cream yellow. Large flowers. Pkt., 5c; oz., 20c.

1217. Miss California. Splendid variety. Orange salmon with cream pink. Pkt., 10c; 2 pkts., 15c; oz., 30c.

1218. Royal Purple. Large, waxy flowers of a rich royal purple. The best purple. Pkt., 5c; oz., 20c.

1219. Warrior. Rich chocolate maroon. Pkt., 5c; oz., 20c.

1220. Youth. White, edged in a beautiful way with a delicate soft rose pink. An unusually large and fragrant sweet pea. Pkt., 5c; oz., 20c.

1235. Royal Scots. The best fiery red Spencer type sweet pea. Pkt., 5c; oz., 20c.

1237. ★Fiery Cross. Glittering orange scarlet. Wonderfully striking. Pkt., 10c; 2 pkts., 15c; oz., 30c.

## SPENCER SWEET PEA COLLECTION

One pkt. each of the above twelve varieties for 50c. One ounce each of the above twelve varieties for \$1.50.

## OLDS' VERBENAS

1306. VERBENA. Olds' Mammoth Golden Queen. H. A. The Mammoth Golden Queen Verbena is a very clear golden yellow and a decided novelty as far as color goes. The flowers are of medium size, borne on a vigorous vine that is of an everbearing nature and a deep clear yellow in color. Pkt., 10c; 2 pkts., 15c.

1305. ★VERBENA. H. A. Olds' Finest Mixed. A favorite old flower. Clusters of many bright colors borne from June until frost. Pkt., 10c; 2 pkts., 15c. Plants, 35c doz.

1307. BEAUTY OF OXFORD HYBRIDS. A beautiful giant hybrid Verbena. The color shades from clear rose pink to rose red, making this the brightest rose Verbena ever produced from seed. The flowers are exceptionally large, measuring over an inch in diameter. The foliage is a beautiful cress green. Until the introduction of this variety it was practically impossible to produce this color from seed.

This Verbena is of the grandiflora type. It is a new strain of robust, compact habit and is free flowering. The trusses and florets are immense. Pkt., 15c; 2 pkts., 25c.

All flower growers should have a garden treasure box. A complete guide. See page 47.



Venidium, Fastuosum.

1308. FASTUOSUM. (Monarch of the Veldt.) H. A.

The plant, of a silky grey color, grows about 3 feet tall; flowers are rich orange daisy-like and about 4 inches in diameter with a purple-black zone at the base of the petals. The flowers are borne on long stiff stems which will keep for weeks in bouquets. Will make a very showy display late in the summer. Plant early in a sunny, well drained location. Pkt., 15c; 2 pkts., 25c.

1315. WALLFLOWER. H. H. P. Mixed. Half hardy perennials which are treated here in the north as annuals, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 5c.



Golden Queen Verbena.



Beauty of Oxford Hybrid Verbena.



## OLDS' ZINNIAS

The Zinnia is the most popular annual grown today. It has no enemies, insect or fungus and will succeed on any type of soil regardless of weather conditions.



Olds' Pompon or Lilliput Zinnia.

1330. ★Olds' Lilliput or Pompon, Mixed. The plants are small, forming little bushes which fairly bristle with very double bright flowers, only one to two inches in diameter. Average height, about 12 inches. Will bloom all summer and late in the fall. Pkt., 5c; ½ oz., 45c; oz., 80c. Plants, 35c doz., 50 for \$1.10.

1335. Giant Flowered Mixed. H. A. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Pkt., 5c; ½ oz., 45c; oz., 80c.

1329. Scarlet Flame. H. A. A magnificent variety with deep scarlet flowers blending into orange. Pkt., 10c; 2 pkts., 15c.

1337. Fantasy. H. A. Zinnias today are probably the most popular flower in the home garden and this new variety will be a welcome addition to the list. In late years the more graceful small flowered types have been the most popular. This New Fantasy Mixture meets this demand in all details. The rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized double flowers. They are large enough to satisfy the desire for a mass of color yet small enough to lend themselves to graceful arrangement. The colors range from the brightest shades of red and orange to the popular pastel pinks and creams. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c, postpaid.



Olds' Gold Medal Dahlia Flowered Zinnias.

1336. ★Olds' Gold Medal Dahlia Flowered, Mixed. H. A. A new type of Zinnias characterized by large size, fullness of petal, extraordinary color range and good keeping quality. Resembles dahlias in size and appearance. Pkt., 5c; ½ oz., 45c; 1 oz., 80c. Plants, 35c doz.; 50 for \$1.10.

1331. Olds' Dahlia Flowered Zinnia, Crimson Monarch. This truly remarkable deep red Zinnia has proven very popular. If you did not order it last year it should not be overlooked this season.

We consider Crimson Monarch the best red in a Dahlia Flowered Zinnia. Has enormous flowers, often 8 inches across, of the brightest crimson scarlet. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.



Fantasy Zinnias.

1338. Scabiosa Flowered, Mixed. H. A. Our new Zinnia described on page 3. Resembles a scabiosa. Pkt., 15c; 2 pkts., 25c.

## OLDS' RELIABLE PERENNIAL FLOWERS

Perennial flower seeds may be planted throughout the summer but the very best time, we would say, is just the time when the particular plant in question naturally ripens its seed. Planting instructions on the back of each pkt. Keep this seed book. You may want some of these seeds later on.

845. ★AQUILEGIA. (Mrs. Scott Elliott's long spurred strain.) H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred. Pkt., 10c; 2 pkts., 15c.

833. ALYSSUM, SWEET. H. P. Saxatile. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c; 2 pkts., 15c.

862. BEGONIA. T. P. Single Mixed. The well known perpetual blooming house plant. Easily grown from seed. Pkt., 15c; 2 pkts., 25c.

877. CALLIOPSIS. H. P. (Coreopsis.) Lanceolata. One of the finest of the hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c; 2 pkts., 15c.

895. CANTERBURY BELLS. H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

944. DAISY. Shasta. H. P. (Giant Alaska.) A splendid, hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c; 2 pkts., 15c.

946. DAISY. Double Shasta. H. P. See page 3. Pkt., 25c; 2 pkts., 40c.



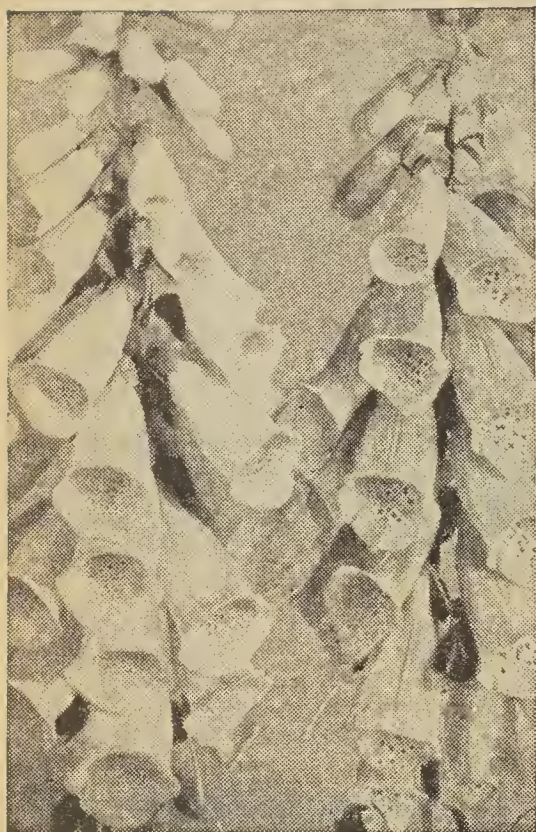
Aquilegia.



SHASTA DAISY



# OLDS' RELIABLE PERENNIAL FLOWERS



Digitalis or Foxglove.

896. ★**CANTERBURY BELLS.** H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup like bell. Pkt., 10c; 2 pkts., 15c.

933. **CYCLAMEN.** T. P. Giant Flowered. A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Difficult to grow from seed, requiring eighteen months from seed to flowering size plants. Pkt., 15c; 2 pkts., 25c.

940. **DAISY.** Fine Mixed. H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 5c.

957. **DIANTHUS.** H. P. Plumarius. (Clove Pink.) A beautiful, hardy perennial single pink with fringed edged flowers in various colors. Pkt., 10c; 2 pkts., 15c.

958. **DIGITALIS.** H. B. (Foxglove.) Giant Shirley Mixed. Handsome spires of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. Pkt., 10c; 2 pkts., 15c.



Olds' Hollyhock Strain, Delphinium.

987. **GERANIUM.** T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c; 2 pkts., 25c.

993. **GYPSOPHILA.** H. P. (Baby's Breath.) Paniculata. The flowers are small, star-like, and borne in feathery sprays. May be used for winter also. Pkt., 10c; 2 pkts., 15c.

1006. **HOLLYHOCK.** B. Olds' Exquisite. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red. Pkt., 10c; 2 pkts., 15c.

1005. ★**HOLLYHOCK.** H. B. Chater's Double Mixed. Stately stalks of velvet bloom. Giant flowers of red and pink and white. Pkt., 5c.



Hardy Perennial Gaillardia.

## OLDS' GAILLARDIAS

982. **Burgundy.** New, shining wine-red Gaillardia. The first of the all-red Gaillardias introduced. Highly recommended. Pkt., 10c; 2 pkts., 15c.

986. **Mixed Grandiflora.** (Blanket Flower.) H. P. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Grows about 2 feet tall. Pkt., 10c; 2 pkts., 15c.

983. **Tangerine.** H. P. A new variety of Gaillardia, very striking. The color is rich tangerine or orange red. Pkt., 10c; 2 pkts., 15c.

984. **Dazzler.** H. P. Another new Gaillardia, a re-selected strain of the giant perennial Gaillardia. It is exceptionally large, dark red with the petal tips of bright orange. The best giant red offered today. Pkt., 10c; 2 pkts., 15c.

## OLDS' DELPHINIUM

1019. **DELPHINIUM.** H. P. Hollyhock Strain Mixed. This is the finest of all types of Delphiniums. The mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Planted this summer they should bloom next year and every year thereafter. Pkt., 20c; 2 pkts., 30c.

1017. **DELPHINIUM.** H. P. Belladonna. Spires of finest sky blue. This hybrid strain is of wonderful beauty; growing to 6 feet in height. Pkt., 10c; 2 pkts., 15c.

1014. **DELPHINIUM.** H. P. Formosum. The same as Belladonna only dark blue with white eye. Pkt., 10c; 2 pkts., 15c.

*"I had good luck with my double Nasturtiums last year. Bloomed until frost. Were very beautiful."*—Mrs. E. J. Badger, New Hampshire.

1020. **LATHYRUS OR PERENNIAL SWEET PEA.** H. P. Similar to the annual kind but continuing year after year. Pkt., 10c; 2 pkts., 15c.



Olds' Exquisite Hollyhock.



## OLDS' PANSIES

1075. **Olds' Giant Prize Mixed.** P. The Pansy with the largest, richest, best-formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c;  $\frac{1}{4}$  oz., \$2.00;  $\frac{1}{2}$  oz., \$3.50; oz., \$6.00. Plants, Doz., 50c; 50 for \$1.50.

1079. ★**Giant Trimardeau Mixed.** P. A choice strain of Pansy. Very large flowers. Does not have the color range of the Olds' Giant Prize Mixed. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{4}$  oz., 80c;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.75.

1083. **March-Flowering.** P. These Pansies are very desirable, owing to the extreme hardiness of the plants and their early-flowering habit. Pkt., 10c; 2 pkts., 15c.



Caucasica Hybrid, Scabiosa.

### PERENNIAL PLANTS.

See pages 61 to 63.

Keep dogs and cats away from your flowers and shrubs. Use dog-zix or dog skat see page 94.



Olds' Giant Prize Mixed Pansies.

945. **PYRETHRUM, Roseum.** H. P. (Painted Daisy.) A valuable, early summer flower. Charming shades of pink and red daisy-shaped flowers blooming freely in May and June, often blooming again in the fall. Pkt., 10c; 2 pkts., 15c.

1142. **ROSA MULTIFLORA.** T. P. Dwarf roses from seed. Little bushes covered with miniature fairy roses. Pkt., 10c; 2 pkts., 15c.

1156. **SCABIOSA.** H. P. *Caucasica Hybrid.* (Blue Bonnet.) A perennial Scabiosa and a great improvement over the older types, being more vigorous and larger with longer stems and larger petals. The petals are ruffled and slightly frilled on the edges. The colors in this strain range from white to the darkest blue. Pkt., 10c; 2 pkts., 15c.

Feed your flowers with Vigoro. The square meal. See page 92.



Red Oriental Poppy.

966. **STATICE.** H. P. *Dumosa* (Sea Lavender.) Full panicles of small blue flowers blossoming all summer on twiggy flowering stems. The leaves spring direct from the root stock. Usually dried for winter use. Pkt., 5c.

966 $\frac{1}{2}$ . **STATICE.** H. P. *Latifolia.* Same as above but of finer texture. Thick branching plumes of deep blue flowers. Pkt., 5c.

1300. **SWEET WILLIAM.** H. P. *Mixed.* (*Dianthus Barbatus.*) The plants grow 18 to 24 inches high. They make excellent border plants and are also fine for bouquets. Pkt., 10c; 2 pkts., 15c.

1115. **PHLOX.** *Decussata Mixed.* H. P. Seed from the newest varieties of perennial phlox. Plant in August. Seed will not usually sprout until spring. Pkt., 15c; 2 pkts., 25c.

1128. **POPPY.** *Iceland Mixed.* H. P. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c; 2 pkts., 15c.

1128 $\frac{1}{2}$ . **POPPY.** *Red Oriental.* H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. Pkt., 10c; 2 pkts., 15c.



Sweet William.



Rosa Multiflora.



# OLDS' GREENHOUSE PLANTS

All plants offered on this and the following page will be sent direct from our growing station north of Madison. We guarantee choice plants. All prices include postage.



Beefsteak Begonia.

**GIANT PAINTED LEAF BEGONIA.** (Begonia, King or Rex.) In no other class of plants do we find the rich, metallic foliage and colors. 45c each; 3 for \$1.25.

**BEEFSTEAK BEGONIA.** (Feastii.) Low, spreading begonia, finest for house culture. 35c each; 3 for 99c.

**WATERMELON BEGONIA.** Leaves variegated white and green, waxy-like frosted silver. Excellent for house, window or table. 35c each; 3 for 99c.

**DECORATIVE FERNS.**  
**BOSTON.** Dark green fronds of unusual length. 30c each; 3 for 85c. Larger plants, 60c each.

**FLUFFY RUFFLES.** Different from all other ferns. Dark, feathery foliage. The compact and irregular shaped fronds which give it the name "Fluffy Ruffles" are so formed as to resemble miniature ferns. 40c each; 3 for \$1.10. Larger plants, 70c each.

**COLORADO FERN.** A lovely fern of recent introduction. Dense growth with lovely fronds gracefully arched. Dwarf in habit, with bright, rich green foliage, carmine red flowers. 50c each.

**ASPARAGUS PLUMOSUS.** A tall, climbing, decorative plant of rare and delicate beauty. Its fine and plume-like foliage is a bright green. Fronds six to eight inches wide. 29c each; 3 for 84c. Larger size, 45c each.

## FEED YOUR PLANTS STIM-U-PLANT.

The ideal year-round feeding method for all plants. Simply insert tablet in soil.

Postpaid prices: trial pkg., 10c; 30 tablets, 25c; 100 tablets, 75c; 1,000 tablets, \$3.50.

## FREE FLOWERING FUCHSIAS.

**GLOIRE DES MARCHES.** Brilliant, deep scarlet. The corolla is very large and double, pure white. 35c each; 3 for 99c.

**SPECIOSA.** Tube and sepals carmine. 28c each; 3 for 79c.

**LITTLE BEAUTY.** The loveliest flowering dwarf growing Fuchsia known. Branching like a tree and covered with large perfectly formed flowers. Sepals bright scarlet, with red violet purple corollas. 35c each; 3 for 99c.



Popular Boston Fern.



Painted Leaf Begonia.



Lace Fern (Asparagus Plumosus).



Philodendron.



Impatiens Sultani.



Double Fuchsias.



WHITE CALLA LILY.

White everblooming. A fine Calla that makes an unusually beautiful house plant. Flowers are large borne on long, stiff stems, and are of purest white. 27c each; 3 for 78c. Larger size, 50c.

## NIGHT BLOOMING CEREUS CACTUS.

This cactus opens at 7 o'clock in the evening, attaining its greatest beauty at midnight. Flowers often measure 12 inches across. Each, 40c; 3 for \$1.10.



Night Blooming  
Cereus Cactus.

## PHILODENDRON.

(Wonder Vine.) A wonderful plant for fern dishes, window boxes and hanging baskets. Pin the vine to the soil and it will root at every joint forming a compact mass of green heart-shaped leaves. 50c each.

**IMPATIENS SULTANI.** Elegant plants, grow about 24 inches high and are in bloom almost continuously. The plants are well-shaped and bear their flowers profusely. We offer these in four colors: pink, salmon, white and variegated. Please state color wanted. 40c each; 3 for \$1.10.

## PORCH HYDRANGEAS.

For the Porch, Lawn and Garden.

**PEER GYNT.** Rose pink, deepening to red. Is free blooming and has nice foliage. Each, 40c; 3 for \$1.10.

**MARECHAL FOCH**—Very early bright carmine red. Each, 60c; 3 for \$1.70.

**GOLIATH.** Has large, pale blue flowers. Each, 50c; 3 for \$1.40.

**MME. E. MOUILLIERE.** Well-known pure white. Each 40c; 3 for \$1.10.

**OTASKA.** A beautiful pink hydrangea. Suitable for Mother's Day. Each, 45c; 3 for \$1.25.



French or Porch Hydrangeas.



# OLDS' GREENHOUSE PLANTS



Oleander, Rosea.

## OLEANDERS.

**ROSEA.** A beautiful dark pink; large double flower. Fine plants, 40c each, postpaid.

**SALMON QUEEN.** A large double salmon pink. Very attractive. Fine plants, 40c each, postpaid.

**GOLDEN.** Golden and green foliage with large double, light pink flower. Fine young plants, 45c each, postpaid.

## WANDERING JEW.

Popular window garden, hanging basket and porch box plant. Foliage beautifully variegated. Should have plenty of water. 25c each; 3 for 72c.

## MIXED GLOXINIAS.

These plants are one of the most charming and brilliant of the summer-flowering bulbs for house culture. Have rich, velvety green leaves and magnificent, graceful, tubular flowers of the most glorious shades. We offer started plants only, in paper pot and soil. Mixed colors only. Each, 40c; 3 for \$1.10.



Mixed Gloxinias.



Jewel Flower, Stephelia.

**JEWEL FLOWER.** A curious succulent branching plant, without leaves, resembling a Cactus, producing single beautiful flowers, star-shaped and nearly two inches across, dark brown spotted with yellow. One of the most attractive plants of its kind grown. Blooms mainly in autumn and winter. 35c each.

## UMBRELLA PLANT.

Stems about two feet high, surmounted with a whorl of leaves. Indispensable for aquariums, fountains, etc. 20c each; 3 for 58c.

**TRAILING VINCA.** The leaves of this beautiful plant are a glossy green, broadly margined a creamy white; flowers blue. Admirably adapted for hanging baskets. 16c each; 3 for 46c. Larger size, 29c each.

## STRAWBERRY GERANIUM.

**SAXIFRAGA SARMENTOSA.** Leaves striped with silver bands; blooms white. Adapted for hanging baskets, vases, etc. 30c each; 3 for 84c.

## AMERICAN WONDER LEMON.

A true everbearing Lemon. Of easy culture, flowering and fruiting in ordinary soil. 45c each; 3 for \$1.25. (Notice: Lemon and orange plants cannot be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., La., Miss., Texas, and S. Car.)

## DWARF FRUITING ORANGE.

An extra fine pot plant, with glossy leaves. True fragrant orange blooms and abundant little bright oranges that hang on the little bush like balls of gold for six months after they are ripe. The fruit is sweet and good. 45c each; 3 for \$1.25.

**GOLD BANDED SNAKE PLANT.** (Sansevaria Laurentii.) We all know the popular snake plant with its erect sword-like foliage of dark green with clouded bars of white. Add to this the rich, golden band on the edge of each leaf and you have a beautiful plant. It will grow anywhere and will go for months without water. This is the newest variety of Sansevaria family. Fine plants, 45c each, postpaid. Large plants, 75c and \$1.50 each, postpaid.

## DOUBLE BEDDING GERANIUMS.

**BEAUTE POITEVINE.** Rich salmon pink. 30c each; 3 for 84c; doz., \$2.50.

**JEAN OBERLE.** Peach pink graduating to white. 30c each; 3 for 84c; doz., \$2.50.

**RADIO RED.** Bright dazzling scarlet blooms. The finest and most beautiful red offered in many years. 35c each; 3 for 99c; doz., \$3.00.

**BUCHNER.** Flowers purest white and very large. 30c each; 3 for 84c; doz., \$2.50.

## PANSY GERANIUM.

**EASTER GREETING S.** Flowers large and free; bright amaranth red, each petal marked with a large black blotch. 40c each; 3 for \$1.14.



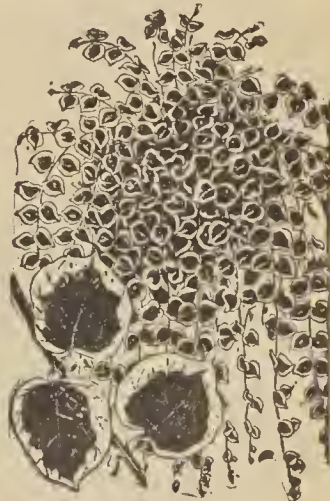
Double Flowering Geranium, Radio Red.



Umbrella Plant.



American Wonder Lemon.



Trailing Vinca.



Gold Banded Snake Plant.



# OLDS' SUMMER FLOWERING BULBS

## GLADIOLI

Gladioli are generally recognized as the most beautiful and popular of all the flowers grown from summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes.

Olds' Gladiolus Bulbs are all first size (one and one-half inches in diameter and up), high crowned, grown from Semesan-treated bulbs and are of exceptionally fine quality.

If you are in the market for large quantities of Gladiolus bulbs write us for special prices.

**PLEASE NOTE:** Orders for bulbs will not be mailed until danger of freezing is over. Usually about March 25th.

### PINK SHADES

**AMERICA.** One of the best. It makes a strong, healthy plant with three-foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more America than any other Gladiolus on our list. Bulbs, each, 5c; 6 for 25c; 12 for 45c, postpaid.

**BETTY NUTHALL.** Warm coral pink with pale yellow throat markings. Large and tall. Late. Beautiful flowering variety. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**GIANT NYMPH.** A La France pink with a creamy yellow throat. The spikes are long with large, wide open flowers, well arranged on the stems. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**MRS. FRANK PENDLETON.** One of the most exquisitely-colored kinds on our entire list. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**MRS. LEON DOUGLAS.** Begonia rose, delicately striped flame and scarlet; lip pale lemon speckled with ruby. Tremendously large flowers, many open at a time. Very tall, often growing 5 to 6 feet high. Considered the largest Gladiolus in existence. Wonderfully beautiful. Each 5c; 6 for 25c, 12 for 45c, postpaid.

**PICARDY.** Soft shrimp pink without flecking. Blotch of light flesh pink shading to shrimp pink at edges. Seven to ten flowers open at one time. Well placed on tall strong spike. Heavy propagator. Generally considered the most beautiful Gladioli in existence today. Each, 15c; 3 for 35c; 6 for 65c.

E. J. Shaylor Gladiolus.

**E. J. SHAYLOR.** Deep rose-pink to rose color. Outer edges and buds show a distinct rose color with throat of lower petals delicately penciled rose-red. This is one of the best Gladioli ever introduced. It is very popular as a cut flower, is a good propagator and a vigorous grower; fine form and very pleasing in color. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**MRS. P. W. SISSON.** Creamy light pink. Immense. Tall, strong grower. Six or more large blooms open at a time. Outstanding variety. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**W. H. PHIPPS.** Each spike a bouquet. La France pink, overlaid with light rose salmon, lighter toward center. Lower petals are very faintly striped and speckled with ruby. Flowers enormous; a masterpiece in Gladioli. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**TYCKO ZANG.** Immense salmon pink, white throat faintly dotted cerise. Several open. Heavy foliage, strong grower. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

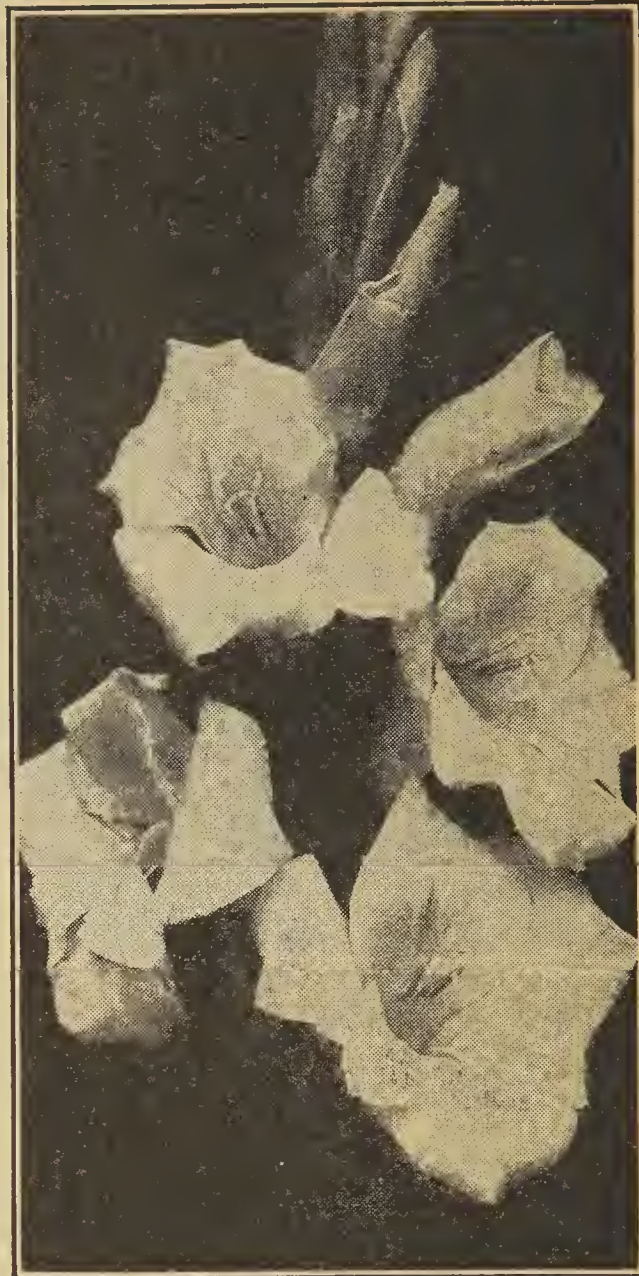
### WHITE.

**CARMEN SYLVIA.** Large fine white. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**MRS. F. C. HORNBERGER.** The best white variety. Large white with no markings. Several flowers open at one time. A choice exhibition variety. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

### ORANGE

**LA PALOMA.** Large bright vivid orange. Back of petals even brighter than the face. Heavy texture, good propagator, quite early. Each, 10c; 3 for 25c; 6 for 45c, postpaid.



Golden Dream Gladiolus.

### YELLOW SHADES

**CANBERRA.** Very strong grower, tall spikes of clear yellow. Buds greenish. Fine exhibition variety. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**GOLDEN DREAM.** Very beautiful, absolutely clear, deep, yet soft yellow that is distinctive from any other. A tall, straight, strong growing plant with several good-sized blooms open at a time. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

### RED SHADES.

**DR. F. E. BENNETT.** Fiery scarlet with fine white lines in the throat. Several large well placed blooms open. A Prize Winner. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**FLAMING SWORD.** Tall spike with single row of bright orange scarlet blooms. 7-8 open. Early. Very showy. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**PERSIA.** Velvety maroon, black buds, splendid. Medium size flower. 5-6 open. The best dark red in its price range. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**PURPLE GLORY.** This is not a true purple color as the name implies, but a rich, velvety maroon, exceedingly ruffled. A beautiful dark variety of Gladiolus. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**PFITZERS' TRIUMPH.** A prize winner. One of the largest and finest varieties. The flowers often measure 6 inches across. Bright salmon orange with small velvet red blotches. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**TARO.** "American Beauty" rose, ruffled. Early midseason, strong grower. Each, 5c; 6 for 25c; 12 for 45c.



Mrs. F. C. Hornberger Gladiolus.





Olds' Superb Gladiolus Mixture.

#### OLDS' SUPERB MIXTURE.

The Gladioli in this mixture are of many colors, including most of our named varieties together with many new seedlings. The bulbs are all of number one size, measuring 1½ inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties. Will make a wonderfully showy display in the garden. 6 for 15c; 12 for 25c; 25 for 45c; 100 for \$1.25, postpaid.—Not postpaid, \$9.00 per 1,000.

#### OLDS' BLUE RIBBON COLLECTION

##### 10 PRIZE WINNER GLADIOLUS BULBS, 50c, POSTPAID

We offer one bulb each of the following beautiful gladioli, each properly wrapped and labeled, for 50c, postpaid.

These are all outstanding varieties and the cream of our entire list. All varieties are blue ribbon winners.

Purple Glory—Deep maroon. Mrs. Leon Douglas—Begonia rose. Dr. F. E. Bennett—Scarlet. W. H. Phipps—LaFrance pink, and salmon. Golden Dream—Deep soft yellow. Captain Boynton—Lavender. Mrs. F. C. Hornberger—Pure White. Giant Nymph—LaFrance pink. Pfützer's Triumph—Bright salmon orange. Mrs. Frank Pendleton—Pink and scarlet.

#### OLDS' CANNAS

**THE PRESIDENT.** Four feet tall. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Bulbs, 15c each; 3 for 35c; 12 for \$1.25, postpaid.

**KING HUMBERT.** Red. This remarkable Gold Medal Canna has been the sensation of the past ten years and is a great favorite today. It is a cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. Each, 15c; 3 for 35c; 12 for \$1.25, postpaid.

**YELLOW KING HUMBERT.** Four feet. An orchid-flowering sort of the well-known King Humbert. Foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than an objection. Each, 15c; 3 for 35c; 12 for \$1.25, postpaid.

**MRS. ALFRED CONARD.** Four feet. One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks. We consider this superior to all other pink Cannas. Each, 20c; 3 for 45c; 12 for \$1.60, postpaid.

**APRICOT.** Four feet. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know of. Each, 20c; 3 for 45c; 12 for \$1.60, postpaid.

**EUREKA.** Three and one-half feet. The best white Canna. Foliage light green; strong growth with large blooms. Color creamy white with faint lavender striping in the throat. Each, 15c; 3 for 35c; 12 for \$1.25, postpaid.

One bulb each of the above six Cannas for 70c, postpaid.

**PLEASE NOTE**—Order Canna bulbs early and pot the bulbs in April. You will gain three to four weeks in the blooming season. Orders for Canna bulbs will be mailed as soon as weather permits.

#### LAVENDER SHADES

**CAPTAIN BOYNTON.** The finest lavender in existence with darker colored spots on the lower petals. Flowers are large and well placed on the stems. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**CHAS. DICKENS.** Bright radiant purple, with velvety blotch. Tall, strong, straight spike. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**DR. MOODY.** Light lavender with very fine penciling of a darker shade. Long spike of blooms open. Very strong grower and propagator. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**MARMORA.** Immense smoky lavender with pale purplish blotch. Eight to ten perfectly placed blooms open on good, tall, straight spike. Great exhibition variety. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**MINUET.** Wonderfully beautiful clear light pinkish lavender. Four to six very large heavily textured blooms open at once. Heavy, strong foliage and fine grower. Finest light lavender in existence. Each, 10c; 3 for 25c; 6 for 45c.

**ROYAL LAVENDER.** Deep lavender, shading lighter toward the center, heavy penciling of a darker shade on lower petals. Grows four feet high with 14 to 20 buds, 4 to 7 large flowers open at a time. A beautiful distinct shade of lavender that everyone likes. The finest commercial dark lavender in existence. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

**RUTH HUNTINGTON.** Violet lilac with darker markings on lower petals. Ruffled. Very tall, strong healthy grower. Each, 5c; 6 for 25c; 12 for 45c, postpaid.

**VEILCHENBLAU.** The color is a beautiful violet-blue, darkening toward the center. The entire flower appears, at the first glance, to be made of blue velvet. Medium height, good spike. Each, 15c; 3 for 35c; 6 for 65c.

#### GLADIOLUS THRIPS

Fumigate your bulbs after harvest this fall with Naphthalene Flakes. Scatter one ounce to each 100 bulbs and keep covered for three weeks. We also advise treating all Gladioli bulbs before planting with Semesan. See page 23. Price, ½ lb. flakes, 20c, postpaid.



Dwarf Pearl Tuberose.

#### TUBEROSE BULBS

The sweetest scented flower that grows and one of the most charming.

**DWARF PEARL.** Large, double wax-like flowers of purest white; orange-blossom fragrance. Large Bulbs. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.



The President, Canna



# OLDS' SUMMER FLOWERING BULBS

## DAHLIAS

**BASHFUL GIANT.** (Decorative.) This is one of the largest Dahlias ever introduced. Because of its large size the flower tilts giving it the appropriate name. It is of great merit because of its beautiful color, an apricot with gold shadings. Each, 25c; 3 for 60c, postpaid.

**BARBARA REDFERN.** (Decorative.) A prolific bloomer of blooms measuring as large as 10 to 12 inches. The face of this mammoth flower is a glistening old gold in color with the reverse of the petals a delicate old rose; since the petals curl, both colors show at the same time, producing a warmth and richness in decorative effect. Each, 30c; 3 for 75c, postpaid.

**ELINOR VANDERVEER.** (Decorative.) An incomparable Dahlia of exquisite beauty and of great size and depth, having every desirable quality. Color, a rich, glowing, satiny pink. One of the earliest to flower. Each, 25c; 3 for 60c, postpaid.

**HALO.** (Decorative.) The light sulphur Jersey Beauty; excellent habits in every way; splendid stem, clear, beautiful color; free blooming and a lasting cut flower. Each, 25c; 3 for 60c, postpaid.

**JANE COWL.** A massive decorative; color glistening bronze-buff and old gold. Flowers measure 10 inches across. A stem of unusual strength holds the giant flower erect over a plant of ideal growth. Each, 30c; 3 for 75c, postpaid.

**JEAN KERR.** (Decorative.) A good commercial white Dahlia much used by florists and in gardens where cut flowers are desired. Good grower, dependable and popular. Each, 20c; 3 for 50c, postpaid.

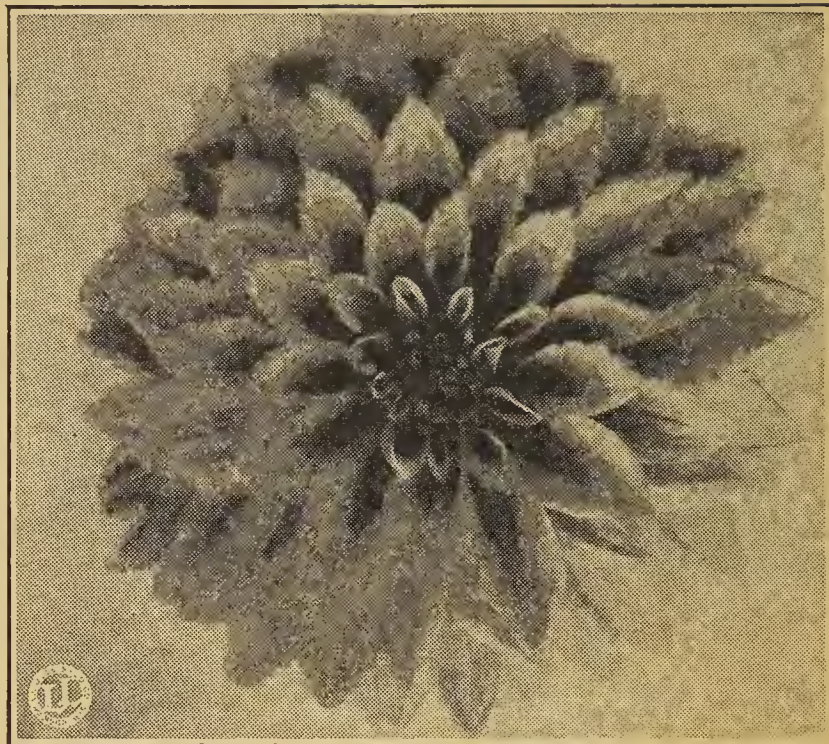
**JERSEY'S BEACON.** (Decorative.) A universal favorite as an exhibition and garden flower; color is a Chinese scarlet with a paler reverse, giving it a two-toned effect. Flowers are large and globular in shape. The plant is a vigorous grower, having splendid insect-resisting foliage. Each, 25c; 3 for 60c, postpaid.

**JERSEY BEAUTY.** (Decorative.) One of the finest of all Dahlias. A beautiful shade of pink that can hardly be described in words. The flowers are large and carried high above the foliage on long, wiry stems. A wonderful keeper and excellent for exhibition or commercial purposes. This variety has been awarded many prizes and medals. Each, 25c; 3 for 60c; 6 for \$1.10, postpaid.

**JUDGE MAREAN.** (Decorative.) This giant is produced on long, heavy stems. The plant is vigorous and free blooming. The flowers are full and massive and the petals heavy. A glowing salmon pink, with tints of orange and gold. Each, 30c; 3 for 75c, postpaid.

**KATHLEEN NORRIS.** (Decorative.) Awarded First Prize for best flower at four greatest Eastern shows fall of 1928. Color, true rose pink, later deepening to mallow pink. Gigantic bloom, broad petals overlapping, with twisted ends. Full center, very long stem, foliage dark green and insect proof; a great bloomer and an excellent keeper. Each, 50c; 3 for \$1.45, postpaid.

**MONMOUTH CHAMPION.** (Decorative.) A brilliant orange flame glistening in light. One of the new favorites. A good producer of perfect blooms through entire season. Each, 60c; 3 for \$1.50, postpaid.



Mrs. I. De Ver Warner.

**KENTUCKY.** (Decorative.) A brilliant light salmon orange shading to orange yellow at the base and deepening to grenadine pink on outer petals. It is a sport of Jersey Beauty credited with all its habits and practically blight and stunt proof. Flower is larger than Jersey Beauty and a real delight in every respect. Each, 35c; 3 for 90c, postpaid.

**MARGARET WOODROW WILSON.** (Decorative.) An exhibition type decorative of large size and great beauty. Color is an opalescent pink; face of petals creamy white; reverse phlox pink. Strong upright stems; dark green foliage, medium height. Each, 30c; 3 for 75c, postpaid.

**MRS. I. DE VER WARNER.** (Decorative.) Probably the most popular variety grown today. A solid deep mauve pink or orchid. Long stiff stems and excellent for cut flowers. Flowers often measure 10 inches across. Each, 20c; 3 for 50c, postpaid.

**MRS. CARL SALBACH.** (Decorative.) A well-known California variety with long stems, known everywhere. It is largely used in decorative work; a large flower of a bright lilac pink shading lighter at base of petals, sometimes described as mauve pink. We recommend it for any garden. Each, 15c; 3 for 35c, postpaid.

**RED STAR.** (Semi-Cactus.) A medium large bloom of beautiful cardinal red and fine form; bush is very thrifty and produces abundance of long stemmed blooms. Each, 60c; 3 for \$1.50, postpaid.

**SAGAMORE.** (Decorative.) A large saffron yellow, perfect form flower, tinted bright red. A free-flowering variety of sturdy habit. Flowers average 8 inches in diameter. Each, 20c; 3 for 50c, postpaid.

**SANHICAN'S BLUEBIRD.** (Decorative.) A near blue bloom of gigantic proportions and perfect form, whose outer petals at maturity are bright violet blue, while the center retains the violet tint. Each, 25c; 3 for 60c, postpaid.

**THOMAS A. EDISON.** (Decorative.) Royal Purple named for the famous Electrical Wizard with his approval. Staghorn petal formation, insect resistant foliage, cane stiff stems, thrifty growing habits, is the report on this new Dahlia from high sources. Each, 50c; 3 for \$1.25, postpaid.

### OLDS' FINEST MIXED DAHLIAS

A mixture of choice named varieties showing every shape, size and color to be found in Dahlias. 3 for 25c; 6 for 45c; 12 for 80c; 50 for \$3.25, postpaid.

### TIGRIDIA PAVONIA BULBS

(Mexican Shellflower.)

Here is a new flower for your garden that will produce a riot of color in August and September. The long, slender buds unfold into a gorgeous triangular flower of many vivid shades of scarlet. The flowers are formed by three long, broad petals extending from a central cup overlaid with three short petals of contrasting colors richly spotted. A rare novelty for your garden. Grows the same as Gladiolus bulbs. Bulbs, each, 15c; 3 for 35c; 12 for \$1.20, postpaid.



Olds' Finest Mixed Dahlias.



# OLDS' HARDY FLOWERING PLANTS



Mayfield Giant Coreopsis.

**CAMPANULA**, *Persicifolia* (Telham Beauty)—This variety has large bells of beautiful china blue. An improved strain of peach leaf Campanula. Each, 25c; 3 for 60c.

**HARDY LARGE FLOWERING CHRYSANTHEMUMS** are very satisfactory in the protected border. They bloom late in the fall when most plants are through blooming. Better results will be obtained if the old plants are divided and reset each spring. Plants from 2½-inch pots. Each, 25c; 3 for 60c. We offer the following: Pink, Bronze, Yellow and White. State color wanted.

**CLEMATIS**, *Davidiana*—Makes compact, bushy plants, 2 feet high. Produces showy tubular bell-shaped sweet scented, deep lavender blue flowers in August and September. Each, 35c; 3 for 80c.

**GLOVE PINKS**, *Dianthus Plumarius*—Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 20c; 3 for 50c.

**COREOPSIS**, *Mayfield Giant*—Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 25c; 3 for 60c.

**DAISY**, *Elders or Memorial*—An extra early Shasta Daisy flowering about Decoration Day. Each, 25c; 3 for 60c.

**DAISY**, *Giant*—Great white daisies on swaying 4-foot stems. September. Each, 25c; 3 for 60c.

**DAISY**, *Shasta*—Burbank's large white daisy. Flowers in July. 4 to 5 inches across. Each, 30c; 3 for 70c.

**GYPSOPHILA, OR BABY'S BREATH**, *Paniculata Compacta*—When in bloom in August, it forms a symmetrical mass 2 to 3 feet in height and the same in diameter; of minute white flowers having a beautiful gauze-like appearance. Can be dried for winter. Each, 25c; 3 for 60c.

**HEUCHERA**, *Sanguinea* (Coral-bells)—Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting. 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Excellent for rock garden. Each, 25c; 3 for 60c.

**HOLLYHOCKS**, *Mixed*—These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. The flower of our beautiful city. Each, 15c; 3 for 40c; \$1.50 per dozen.

Olds' Northern Grown Hardy Perennials are all two to three years old, field grown plants. They should not be confused with the small one-year seedlings which are so often offered. Perennials should be used for permanent plantings in beds and borders. When once established they will produce an abundance of flowers for years to come with practically no attention. **ALL PRICES ARE POSTPAID PRICES.**

**Note:** If you need a large quantity of plants for a border or rock garden send us your list. We will be glad to quote you prices.

**BUDDLEA**, *Butterfly Bush* (*Ile de France*)—A deciduous shrubby plant growing rapidly from the roots each spring. Starts blooming early in July and bears great spikes of dark purple colored flowers until frost. Each, 30c; 3 for 75c.



Persicifolia Campanula.

**AQUILEGIA**, *Dobbie's Long Spurred Hybrids* (Columbine or Honeysuckle)—One of the most graceful and dainty of hardy perennials with its delicately tinted bird-like blossoms on their slender stems, bowing and nodding in the breeze. Mixed colors only. Each, 25c; 3 for 60c.

**BOLTONIA**, *Latisquamae*—Flowers about same time as Wild Asters and looks very much like them. A profusion of pink blossoms in late August. To keep the Boltonia in good condition, clumps should be divided and reset every spring or at least every other year. Color: pink. 5-6 ft. Each, 25c; 3 for 60c.

**CANTERBURY BELLS**. Biennial—Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 60c.

**DELPHINIUM**, *Gold Medal Hybrid*. (Larkspur)—Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 25c; 3 for 60c.

**DELPHINIUM**, *Belladonna*. *Sky Blue*—A continual bloomer. Each, 25c; 3 for 60c.

**DELPHINIUM**, *Formosum*—The true dark blue variety with white eye. Each, 25c; 3 for 60c.

**DIANTHUS**, *Deltoides*—Small rose flowers produced tiful. More showy than the Gold Medal. Each, 30c; 3 for 75c.

**DIANTHUS**, *Deltoides*—Small rose flowers produced in profusion. Grows 6 inches tall. Fine for rockery. Blooms in June. Each, 25c; 3 for 60c.

**DICENTRA**, (Bleeding Heart)—An old-fashioned flower which should be in every garden. Long drooping racemes of heart-shaped flowers. Each, 35c; 3 for 90c.

**FOXGLOVE**, (*Digitalis*)—A biennial, but renews itself from self-sown seed. Stately and dignified old-time flowers growing on tall stalks. The inverted, tubular blossoms are of very striking beauty. Each, 30c; 3 for 65c.

**GAILLARDIA**, *Grandiflora* (Blanket Flower)—One of the most satisfactory of tall, hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermilion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 25c; 3 for 60c; 12 for \$2.00.

**GAILLARDIA**, *Burgundy*—New, shining wine-red Gaillardia. The first of the all-red Gaillardias introduced. Highly recommended. Each, 25c; 3 for 60c.

**TULIP BULBS**. Write for our fall book ready in August. A complete list of fall planted bulbs.



Grandiflora Gaillardia





M. Jules Elie Peony.

## OLDS' PEONIES

**PLEASE NOTE.** Peonies and Iris should be planted either early in the spring or in the fall. All orders received before May 1st will be shipped at once or when weather permits digging. Orders received after that date will be held and sent out about September 1st.

**FELIX CROUSE.** Rich, even, ruby-red. One of the few red peonies showing no trace of purple or violet. Blooms in clusters. Probably the best red. Each, 50c; 3 for \$1.25, postpaid.

**KARL ROSEFIELD.** The plant throws large clusters of dark crimson flowers; these are of the semi-rose type and have no odor. Plants are strong and healthy. This is one of the best for cut flowers, landscape or for florists. Each, 70c; 3 for \$1.90, postpaid.

**TENUIFOLIA FLORA PLENA (Double Fern-Leaf Peony).** Very early, the first peony to bloom. Flowers are a full double brilliant crimson. Very rare. Each, \$1.50; 3 for \$4.00, postpaid.

**M. JULES ELIE.** This is considered the most beautiful of all peonies. The flowers are of immense size, globular in shape. The color is a glistening lilac-pink, shading to rose at the base. The whole flower is overlaid with a sheet of silver, sparkling like dew. A good keeper and cut flower. Each, 60c; 3 for \$1.50, postpaid.

**FESTIVA MAXIMA.** Big, globular masses of pure white bloom, the inner petals slightly tinged with crimson. These handsome flowers are borne on tall, sturdy, branching plants of vigorous growth. Festiva Maxima is probably the most popular of all peonies and by many considered the most nearly perfect. Each, 50c; 3 for \$1.25, postpaid.



Ranunculus.

**MIXED PHLOX.** An assortment of many good varieties in mixed colors. Specially fine for landscape or foundation plantings. 3 for 40c; 6 for 75c; 12 for \$1.40; 25 for \$2.75.

**PHLOX, (Creeping).**

**Subulata Alba**—A dainty creeping Phlox that is simply covered in the early spring with a profusion of clear white flowers. 6 inches tall.

**Subulata Lilacina**—Similar to Subulata Alba but the flowers are larger and a delicate blue-lavender in color. Foliage is light green.

**Subulata Rosea**—Similar to Subulata Alba but a shower of bright rose flowers in early spring. Each, 25c; 3 for 60c.

**PYRETHRUM, Roseum**—The fern-like foliage is attractive and the flowers ranging from pure white through shades of pink are beautiful on the plant, also as cut flowers. 20 to 24 inches tall. Each, 25c; 3 for 60c.

**RANUNCULUS, (Early Spring Buttercup)**—A very early yellow flower growing on warm, sandy slopes. Because of its earliness well worth growing in the rock garden. 6 to 12 inches. April. Each, 20c; 3 for 50c.

## OLDS' IRIS.

Iris make beautiful borders. They are easy to grow in poor soil or shade. Will thrive where other flowers fail.

**LOHENGRIN.** A rare and attractive shade of mauve pink, blending well with Jeanne d'Arc when the two are cut together. Large Roots: Each, 20c; 3 for 50c.

**RHEIN NIXE.** A charming Iris. Rich raspberry purple and white. Each, 20c; 3 for 50c, postpaid.

**SHERWIN WRIGHT.** A golden yellow Iris, without markings or shadings. Each, 20c; 3 for 50c, postpaid.

**JEANNE D'ARC.** White edged with lavender. Very dainty and beautiful. Each, 25c; 3 for 60c, postpaid.

**B. Y. MORRISON.** Standards are pale lavender and the falls velvety purple with broad lavender border. Each, 30c; 3 for 75c, postpaid.

**DREAM.** A vigorous, free flowering variety. Orchid-like flowers of soft pink. Each, 30c; 3 for 75c, postpaid.

**GOLD IMPERIAL.** A fine Iris of rare texture and form. Brilliant yellow with conspicuous orange beard. Each, 30c; 3 for 75c, postpaid.

**PROSPER LAUGIER.** Standards of this variety are a fiery bronze and the falls a ruby purple. A most beautiful flower. Each, 30c; 3 for 75c, postpaid.

### SUNBEAM IRIS COLLECTION.

One each of the above eight varieties for \$1.00, postpaid.

**MIXED IRIS.** We offer choice mixed roots, first size and quality as follows: 3 for 20c; 12 for 70c; 25 for \$1.35, postpaid. Not postpaid, 100 for \$5.50.



Painted Lady Phlox.

## OLDS' HARDY PHLOX

**ALDENHAM TRIUMPH**—Attractive shade of silvery pink with cherry red eye. Each, 25c; 3 for 60c.

**LOUISE.** A new cameo pink which we think most beautiful. Very similar to the new Columbia. Each, 30c; 3 for 75c.

**FLORA REIDY.** Probably the best white in cultivation today. Large pure white flowers. Each, 30c; 3 for 75c.

**PAINTED LADY.** We think this about the most beautiful Phlox. Large, pink flowers with dark scarlet eye. Each, 30c; 3 for 75c.

**RHEINLANDER.** A salmon pink with red eye. Each, 25c; 3 for 60c.

**R. P. STRUTHERS.** A smooth blending of rosy-carmine with salmon. Darker eye. Fine large truss. Each, 25c; 3 for 60c.

**SIEBOLD.** Orange scarlet with red eye. Very fine. Each, 25c; 3 for 60c.

**UNIVERSITY OF WISCONSIN.** Rosy magenta. A strong grower. Each, 25c; 3 for 60c.

**WIDAR.** Dark violet, tinted red with a white eye. A very beautiful and striking combination of colors. Each, 25c; 3 for 60c.

### OLDS' RAINBOW PHLOX GARDEN.

9 varieties for \$1.75, postpaid.

We offer one each of the above named varieties of Phlox, separately packed and labeled, for \$1.75, postpaid. This is decidedly a beautiful collection of the best Phlox.



Pyrethrum, Roseum.



**POPPY, Red Oriental**—For a dazzling display of rich and brilliant coloring no other flower can equal the vivid orange scarlets of the Oriental Poppies. Easily established and perfectly hardy. 36 inches in height. Each, 25c; 3 for 60c. Order early. After April 1st orders will be held and sent in September.

**POPPY, Mrs. Perry**—Like the red poppy in growth but a beautiful salmon in color. Each, 30c; 3 for 75c.

**SAPONARIA, Ocymoides Splendens**—A very pretty dwarf creeper for the rock garden. Forms a cloud of dainty pink flowers in June. Attractive green foliage. Each, 25c; 3 for 60c.

**SEDUM**—These trailing Alpines are very popular in the rock garden. They are hardy.

**Acre (Golden Moss)**—Low-growing green, fleshy leaves. Covered in July with star-shaped, yellow flowers.

**Glaucum**—A handsome creeper which forms a carpet of blue green, turning to a deeper blue in the autumn. One of the most attractive Sedums.

**Spectabile**—A beautiful erect-growing species with broad, thick, light green foliage and immense heads of rose-colored flowers. Blooms late.

All the above Sedums. Each, 25c; 3 for 60c.

**SPIREA, Aruncus (Astilbe)**—Hybrid Spirea of gorgeous shades on small spikes with large flowering heads. Each, 30c; 3 for 75c.

**STATICE, Dumosus (Lavender Baby's Breath)**—Large, flat heads of tiny purplish-pink flowers. May be dried and kept for months. Blooms in August and September. Grows 18 to 24 inches. Each, 25c; 3 for 60c.

**VIOLA, ★Jersey Gem**—One of the best of the new introductions. We believe that this is the finest violet in cultivation. Wonderful to use in rock gardens or in the border. It grows about 6 inches high and shows a continuous bloom of vivid purple from early summer until frost. The plants are literally covered with huge violets measuring more than an inch in diameter. Each, 25c; 3 for 60c.



Saponaria, Ocymoides Splendens.

## NATIVE WILD FLOWERS

Native plants are now very popular both for rock gardens and perennial borders. We are listing here some of the best and most popular kinds. These are not sent with other goods, but are mailed alone at the right time for planting.

**BANEBERRY** (Actaea Alba)—18-24 inches; white flowers and ivory colored fruit with red pedicels. Each, 25c; 3 for 60c; 12 for \$2.00.

**BANEBERRY** (Actaea Rubra)—15-20 inches; white flowers in slender racemes followed by red fruit. Both baneberries love rich woods. Each, 25c; 3 for 60c; 12 for \$2.00.

**JACK-IN-THE-PULPIT** (Arisaema Triphyllum)—6-12 inches; brownish purple flowers in May followed by brilliant red berries. Prefers slightly acid leaf mold. Shade. Each, 20c; 3 for 50c; 12 for \$1.50.

**ASCLEPIAS** (Tuberosa)—Butterfly Weed. 12-15 inches; brilliant orange flowers in midsummer; well drained soil in the sun. Each, 25c; 3 for 60c; 12 for \$2.00.

**BLUE COHOSH** (Caulophyllum Thalictrides)—10-15 inches. The bunches of blue berries in midsummer are the conspicuously ornamental features. Shade and leaf mold. Each, 20c; 3 for 50c; 12 for \$1.50.

**DUTCHMANS BREECHES** (Dicentra Cucullaria)—5 inches; white, early spring. Plant tiny bulbs shallow in rich leaf mold. Shade. Each, 20c; 3 for 40c; 12 for \$1.00.

**SHOOTING STAR** (Dodecatheon Meadia)—10-12 inches; white or pink; May. Open, well drained but not poor soil. One of our most beautiful wild flowers. Each, 20c; 3 for 50c; 12 for \$1.75.

**CANADA VIOLET** (Viola Canadensis)—4-8 inches; flowers most of summer; white tinted pink. Any fertile soil. Each, 20c; 3 for 50c; 12 for \$1.75.

**DOG-TOOTH VIOLET** (Erythronium Albidum)—white or tinted flowers, leaves somewhat mottled. Rich soil. Each, 20c; 3 for 40c; 12 for \$1.00.

**HEPATICA** (Acutiloba)—Three-parted leaves pointed at tips. Easier to grow than others because it does not require acid soil. Evergreen leaves over winter, new leaves following the flowers. One of the loveliest little woodland flowers of early spring; varying shades of light blue, delicate pink or clear white. Each, 20c; 3 for 50c; 12 for \$1.75.

**CYPRIPEDIUM PUBESCENS** (Yellow Lady Slipper)—Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. Most easily grown of all the Lady Slippers. Each, 30c; 3 for 75c.

**CYPRIPEDIUM SPECTABILE** (Showy Lady Slipper)—The finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Nothing can be more charming than masses of this beautiful orchid. Each, 30c; 3 for 75c.



Cypripedium (Lady Slipper).



Spirea, Astilbe.

**VIRGINIA COWSLIP** (Mertensia Virginica)—10-20 inches; glaucous green foliage, pink buds followed by delicate blue flowers in early spring. Sun or shade; fertile moist soil. Each, 20c; 3 for 50c; 12 for \$1.25.

**PARTRIDGE BERRY** (Mitchella Repens)—Trailing; pink flowers followed by red fruit in fall. One of the finest of ground covers for moderately acid soil. Each, 20c; 3 for 50c; 12 for \$1.75.

**CACTUS** (Opuntia Fragilis)—Small prickly pear. A hardy cactus found on our rocky bluffs. Flat stems and long yellow spines. 2-6 inches. Good for dry rock gardens or cactus bowl in the house. Each, 25c; 3 for 60c; 12 for \$2.00.

**WOODS PHLOX** (Phlox Divaricata)—Makes a lovely carpet of blue in spring. Light shade, fertile soil and fair amount of moisture. Each, 20c; 3 for 50c; 12 for \$2.00.

**PRAIRIE PHLOX** (Phlox Pilosa)—Well drained soil in open, sunny spots. Bright rose, sometimes plain magenta. It needs to be used with some care in the garden. 8-12 inches. Each, 20c; 3 for 50c; 12 for \$2.00.

**MAIDENHAIR FERN** (Adiantum Pedatum)—One of the most beautiful and attractive of our native ferns. 1-2 ft. Each, 20c; 3 for 50c; \$2.00 per dozen.

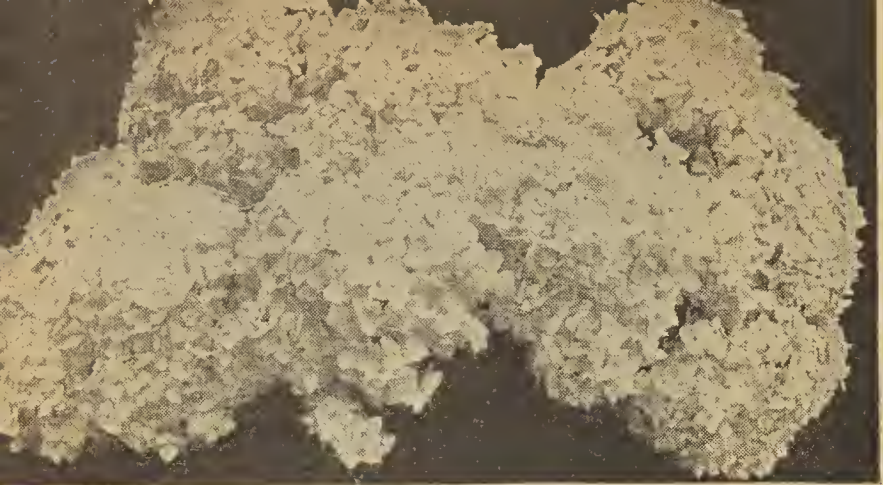
**LADY FERN** (Athyrium Felix-foemina)—Easily grown, beautiful fern. 1-3 ft. Each, 20c; 3 for 50c; \$1.75 per dozen.

**EVERGREEN WOODFERN** (Dryopteris Marginalis)—One of the best ferns for home gardens because of its evergreen nature and ease of culture. Good for holding soil on slopes. 1-2 ft. Each, 20c; 3 for 50c; \$1.75 per dozen.

**FLOWERING FERN** (Osmunda Claytoniana)—A large, strong-growing fern of somewhat coarser growth than the other varieties. 2-4 ft. Each, 25c; 3 for 65c; \$2.00 per dozen.

**OSTRICH FERN** (Pteritis Nodulosa)—A beautiful, large fern with long, graceful fronds recurving like an ostrich plume. Each, 20c; 3 for 50c; \$1.75 per dozen.





A Spray of Hydrangea Paniculata.

Olds' Ornamental Shrubs are all bush formed, well rooted, hardy transplanted stock, measuring 1½ to 2 feet high unless otherwise specified. All nursery stock is packed separately and sent direct from our growing station near Madison. Order early if possible. We will fill your order at the proper time for planting.

Please Note: Our shrubs and vines are so large in size that postage and packing is quite an item. When a single shrub only is ordered, to go alone by mail, add 10 cents to the price quoted.

#### OUR GUARANTEE ON NURSERY STOCK—

We guarantee our nursery stock to be as represented and to arrive in satisfactory condition. If not satisfactory the goods may be returned to us at once and the amount paid will be gladly refunded. We do not guarantee growth after planting as soil, weather, insects and other conditions beyond our control must be considered. It is mutually agreed between the purchaser and ourselves that we shall at no time be held responsible for more than the purchase price.

**ALMOND PINK.** A beautiful small shrub bearing an abundance of small double rose-like flowers. Blooms in May. 65c each; 3 for \$1.70, postpaid.

**HYDRANGAEA PANICULATA.** Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 45c each; 3 for \$1.25, postpaid.

**HYDRANGAEA ARBORESCENS.** (Hill of Snow.) A beautiful new American shrub. Foliage a good green, bluish underneath. 45c each; 3 for \$1.25, postpaid.

**LILAC, PURPLE.** Lilacs are hardy and free flowering. Flowers in the spring and early summer. The purple is most widely known and grown. 45c each; 3 for \$1.25, postpaid.

**LILAC, WHITE.** Same as the purple only white. 45c each; 3 for \$1.25, postpaid.

**LILAC, PERSIAN.** Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June. 45c each; 3 for \$1.25, postpaid.

**LILAC, FRENCH.** Superior to the common lilacs. They are more dwarf and will bloom when the plants are younger. We offer the following named varieties: Chas. X, reddish purple; Marie Le Graye, large milky white; Pres. Grevy, large pale blue. Each, 75c; 3 for \$2.10.

**PRUNUS TRILOBA.** (Flowering Plum.) Really a small tree which has its branches covered before the leaves appear with small, double, pink flowers. 5 to 8 feet in height. 2 to 3-foot stock. 65c each; 3 for \$1.70.

**PHILADELPHUS, BOUQUET BLANC.** (Double Mock Orange.) A beautiful new shrub with perfectly double, ivory white, fragrant flowers. The bush is a mass of blossoms. Very showy. 50c each; 3 for \$1.35, postpaid.



Prunus Triloba.

## ORNAMENTAL SHRUBS



Paul Neyron Rose.

## ROSES

**OLDS' ROSES** are all hardy two-year field grown stock and will bloom the same year they are planted. Do not confuse them with the small greenhouse stock so often offered. The prices quoted on roses are all postpaid prices.

### RUGOSA ROSES.

This type of rose is probably the hardiest of all roses and will winter through in our northern climate.

**HANSA.** The hardiest rose on the entire list. Has deep violet-red double flowers. The buds are borne in clusters.

**BELLE POITEVINE.** A semi-double rose of a delicate pink shade. This rose blooms practically the entire summer.

**SIR THOMAS LIPTON.** The best pure white, fragrant, hardy Rugosa Rose. The flowers are practically double and snow white.

Prices on all the above varieties: 2-Year-Old No. 1 Field Grown, each 65c; 3 for \$1.80, postpaid.

### HYBRID PERPETUAL ROSES.

Hybrid Perpetual Roses are much hardier than any of the Tea Roses and given some protection are absolutely hardy in Wisconsin. They are usually in full bloom about the latter part of June. The flowers are large, double and most of them exceptionally fragrant.

**F. K. DRUSCHKI.** A large pure white, free blooming rose. Blooms often measure 4 to 5 inches across. Double and fragrant.

**GRUSS AN TEPLITZ.** Flowers are borne from June until frost. The fragrant flower is a beautiful clear crimson scarlet.

**PAUL NEYRON.** Probably the largest rose in cultivation. Very double and of a deep rose color.

**PERSIAN YELLOW.** Deep golden yellow, semi-double and hardy.

Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, 70c; 3 for \$2.00, postpaid.

### CLIMBING OR RAMBLER ROSES.

The varieties listed below are hardy but should have winter protection if possible.

**CLIMBING AMERICAN BEAUTY.** Hardy, strong growing, with foliage of bright glossy green. Blooms wherever a porch rose will grow. Immense flowers of soft, glowing red. Unusually attractive, and fragrant.

**CRIMSON RAMBLER.** A fast growing climber, very desirable for pillar and porch plantings. Numerous crimson semi-double flowers borne in clusters.

**DOROTHY PERKINS.** The well-known double shell pink climbing rose which blooms in great profusion.

**PAUL'S SCARLET.** In our estimation the finest red climbing rose. Flowers are semi-double, vivid scarlet shading crimson and borne in clusters. Blossoms for a long season.

Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, 60c; 3 for \$1.70, postpaid.



# ORNAMENTAL SHRUBS, VINES AND SHADE TREES

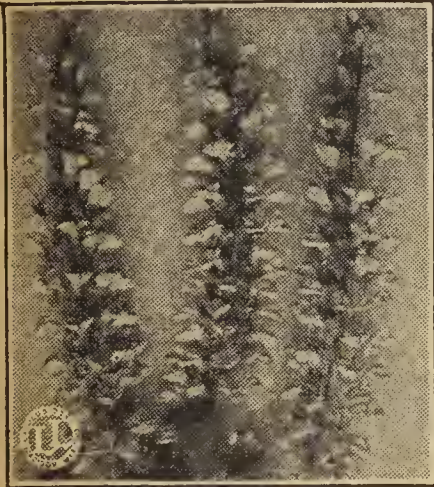
## HEDGE PLANTS

**HONEYSUCKLE, TARTARIAN PINK.** A rapid grower. Attains a height of 8 to 12 feet. Blooms during May. Has slender, upright branches and small bright pink flowers followed by orange-yellow berries. A good plant for tall hedges. 35c each; 3 for \$1.00, postpaid. By express, 100 for \$27.50.

**PRIVET.** Amoor (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. 1 to 1½-foot stock, 25c each; 10 for \$1.50, postpaid. By express, 100 for \$11.00.

**JAPAN BARBERRY.** Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. A good plant to use as a protection for evergreens. 1 to 1½-foot stock, 30c each; 10 for \$1.90, postpaid. By express, 100 for \$16.00.

**RED BARBERRY.** Similar to Japanese Barberry only the leaves are red. 12 to 18-inch, each, 35c, postpaid.



Purple Wisteria.

**CHINESE PURPLE WISTERIA.** One of the most rapid growing of all climbing plants. Has very beautiful clusters of pale blue flowers in May and June, also frequently blooms again in the fall. Grafted stock, 85c each.

**CLEMATIS-PANICULATA.** A very desirable hardy garden vine. Flowers are white, medium sized, star-shaped and the plant is a profuse bloomer. The kind to use for covering trellises. Each, 45c; 3 for \$1.25, postpaid.

**CLEMATIS-JACKMANII.** Similar to Paniculata only the flowers are violet purple and larger. Each, 80c.

## GRAPES

Strong plants. Price, all varieties but Concord, each, 35c; 3 for 90c; 10 for \$2.75; \$25.00 per 100, postpaid. Assorted varieties if desired.

Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

**NIAGARA.** Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough.

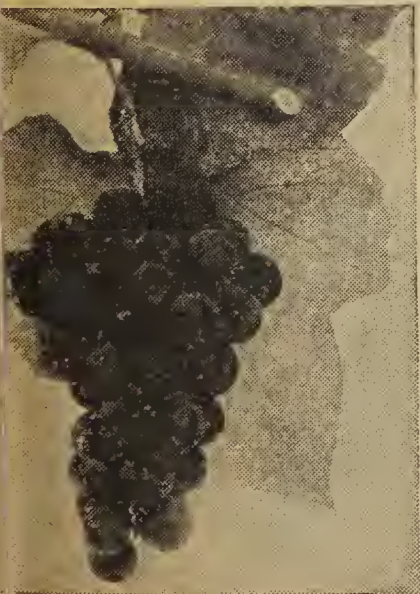
★**WORDEN.** An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

**DELAWARE.** An exquisite Dessert Grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

**BETA.** The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium sized, jet black, juicy and of fair quality.

**MOORE'S EARLY.** Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for early market. Its hardiness particularly adapts it to Canada and Northern portions of the United States.

★**CONCORD.** The old standard purple grape, doing well everywhere. A heavy yielder. Price, each, 25c; 3 for 70c; 10 for \$2.20; 100 for \$19.50, postpaid.



Concord Grape.

## HARDY VINES

**ENGELMANII IVY.** It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; hardier than the Boston Ivy and will do well in any situation. 40c each; 3 for \$1.10, postpaid.

**BOSTON IVY.** (Veitchi.) The well known vine for covering brick and stone work. 55c each; 3 for \$1.50.



Spirea Van Houttei.

**SPIREA VAN HOUTTEI.** (Hardy Bridal Wreath.) Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. 35c each; 3 for \$1.00, postpaid.

**SPIREA, FROEBEL'S.** A Japanese type of Spirea with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Flat clusters of rose colored flowers. 35c each; 3 for \$1.00, postpaid.

**SPIREA, ANTHONY WATERER.** 12 to 18-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. 35c each; 3 for \$1.00, postpaid.

**SNOWBALL.** The Snowball is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. 45c each; 3 for \$1.25, postpaid.

**WEIGELIA ROSEA.** 5 to 6 feet in height. A hardy and beautiful shrub bearing a profusion of rose-colored flowers. 45c each; 3 for \$1.25, postpaid.

**BEAUTY BUSH.** (Kolk-witzia.) A Chinese shrub worthy of a place in American gardens. The bush is 6 to 8 feet tall and droops to the ground when in bloom. The deep pink flowers with yellow-brown throats are borne in clusters on leafy stems. Each, 55c; 3 for \$1.50.



A Spray of Weigelia.

## SHADE TREES.

For lawn or street planting. Strong well-rooted, well branched, 6 to 8-foot trees, unless otherwise specified. We ship by express.

**CHINESE ELM.** A new elm which is becoming very popular due to the fact that it is probably the most rapid growing shade tree. Its leaves are much smaller than those of the common elm. It is a fine shaped tree, extremely hardy, and will thrive on poor soils and in dry locations. Each, \$1.25; 3 for \$3.50.

**ELM, Vase.** A beautiful shade tree. The branches grow up and away from the center of the tree, giving it its appropriate name. Recommended for planting on a wide street or where a broad growing tree is desired. Grafted trees, each, 90c; 3 for \$2.50; 10 for \$8.00.

**MOUNTAIN ASH.** A native tree. When quite young this tree will produce berries in large clusters of an orange color. Grows about 18 feet tall. Each, \$1.10.

**SILVER MAPLE.** (Soft Maple.) A well known ornamental tree with widespreading slender branches. Each, 65c; 3 for \$1.80.

**WHITE ASH.** A good strong tree, producing a broad round head with a strong clean trunk. Will do well on practically any soil. Each, \$1.00; 3 for \$2.75.

**LOMBARDY POPLAR.** A tall picturesque spire-like tree. Fine for formal plantings along avenues or for marking the boundaries of grounds. 5 to 6-foot trees. Each, 55c; 3 for \$1.50.

**BECHTEL'S CRAB.** A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety. 3 to 4-foot trees. Each, \$1.00.



# FRUIT TREES AND BERRY BUSHES

## GOOSEBERRIES.

**DOWNING GOOSEBERRY.** Gooseberries, like the currants, are a home garden fruit. The bushes are ornamental and the fruits are very fine for cooking. While the Downing is comparatively an old variety, it is still the most popular. The bush is vigorous and exceedingly productive. Berries are pale green and of splendid quality. Each, 35c; 3 for 90c; 10 for \$2.75, postpaid.

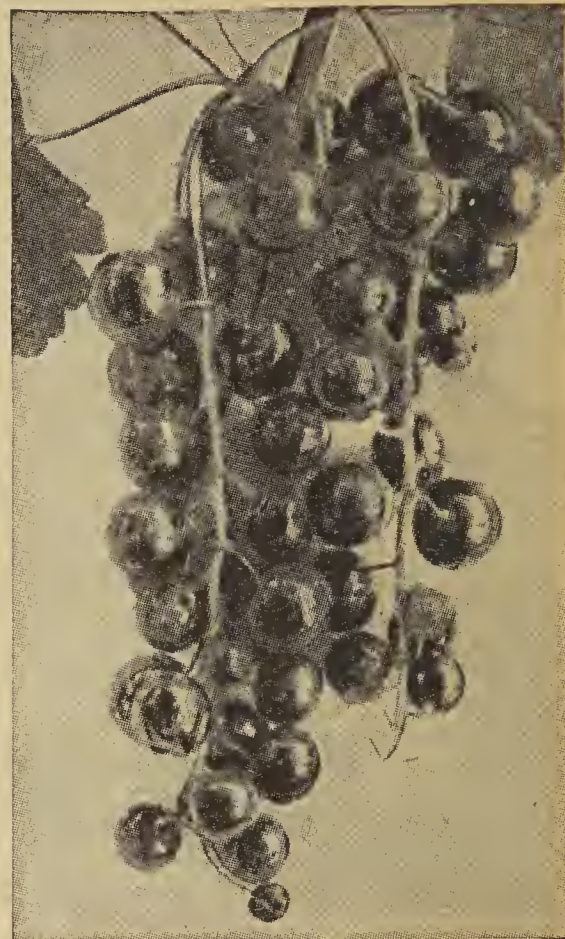
## CURRANTS.

The Currant is one of the most valued of all small fruits by the home gardener. It does not winter kill, is easy to cultivate, and requires little pruning. Ornamental as well as useful.

**CHERRY.** We consider this the best currant, large, vigorous, compact stalky bushes. Clusters rather short with medium to large, bright red fruit with very thin skin. Very juicy and of fine flavor. Each, 35c; 3 for 90c; 10 for \$2.75, postpaid.

**PLEASE NOTE.** We are not permitted to ship Currant or Gooseberry bushes in the following states: Connecticut, Idaho, Maine, Michigan, New Hampshire, New York, Rhode Island, Vermont.

**R A S P B E R R I E S.** See page 67.



Cherry Currant.

## HARDY PLUMS.

Prices, all Plums, 4 to 5-foot trees, well branched, by express: Each, 85c; 10 for \$8.00. Assorted if desired.

★**UNDERWOOD (MINNESOTA NO. 91.)** Earliest and hardiest of the large new plums, ripening August first to August 15th, and attaining a size of 1 3/4 inches in diameter. Fruit red, juicy; very small pit, free stone.

**OPATA.** The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and small pit. Free stone.

**TOKA.** This is a cross between the American plum and the fragrant Apricot of China. The tree is remarkably strong and vigorous. Fruit dark red in color, very handsome, firm, large and a good shipper.

**WANETA.** The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and flavor.

## HARDY PEACH.

**Marquette.** A new seedling variety that has been growing now for several seasons in Wisconsin and proven very hardy. It originated in the Northern Peninsula of Michigan. It is a free stone variety of medium size, white flesh and of excellent quality. It is as fine a flavored peach as we have ever eaten. This peach is absolutely hardy in southern Wisconsin. Each, by express, 85c; 10 for \$8.00.

## HARDY CHERRIES.

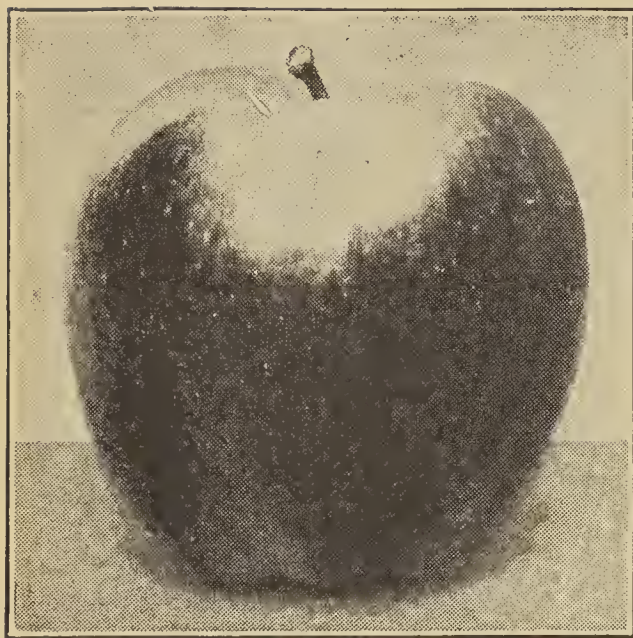
Prices of Cherries, 3 to 4-foot trees, well branched: Each, 70c; 10 for \$6.50, by express.

★**MONTMORENCY.** Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

★**EARLY RICHMOND.** An early variety of extreme hardiness bearing large crops. Light to dark red, juicy.



Montmorency Cherry.



Delicious Apple.

## OLDS' APPLES AND CRABS.

**PRICES OF ALL APPLE TREES,** except McIntosh, and Snow Apple, 4 to 5-foot trees, well branched, by express, 85c each; 10, assorted varieties if preferred, for \$8.00. Write for special prices in larger quantities. All trees are ordinarily sent by express. If wanted by mail add 15 cents per tree for postage. Note: The supply of apple trees is very short this year. Order early.

## SUMMER VARIETIES.

**YELLOW TRANSPARENT.** An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

**DUCHESS OF OLDENBURG.** A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

**LIVELAND.** A very hardy apple. Color white, shading to crimson; flesh, white. Very juicy and sweet. Bears during July and August.

## AUTUMN APPLES.

**WEALTHY.** The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

## WINTER VARIETIES.

**DELICIOUS.** Good size, fine quality. Tree good grower and hardy. Most popular newer variety for eating.

**JONATHAN.** Medium, red, extra fine quality.

**McINTOSH.** One of the best and most satisfactory apples for Wisconsin. Medium size, spicy, bright red and of highest quality. Tree vigorous with spreading head. Annual bearer. If you have room for only one apple tree plant this variety. Price same as Snow Apple.

**NORTHWESTERN GREENING.** Hardy, yellow, of good size; extra long keeper. Good cooker.

**TALMAN SWEET.** The best winter sweet apple for home and market. Flesh white and fine grained. Productive and hardy.

**FAMUSE.** (Snow.) The popular Snow Apple. Medium, deep crimson, flesh white, of best quality. Famous eating apples. Prices of Famuse and McIntosh only: By express, each, 95c; 10 for \$9.00.

## CRAB APPLES.

Prices 4 to 5-foot trees: Each, 95c; 10 for \$9.00.

**HYSLOP.** Large, deep crimson; most beautiful.

**WHITNEY.** One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.

## HARDY PEARS.

Prices of Pears, 4 to 5-foot trees, well branched: Each, 85c; 10 for \$8.00, by express.

**BARTLETT.** Large, buttery, juicy, high flavored, great bearer, very popular, early. (August.)

**CLAPP'S FAVORITE.** Very large, early, yellow and red, with russet specks; melting rich. (August.)

**KEIFFER.** Forms a beautiful tree with glossy green leaves. The fruit is of good quality. Early and prolific.

"NO FARM IS COMPLETE UNLESS IT HAS AN ORCHARD."



# STRAWBERRY PLANTS

Our Strawberry Plants are freshly dug, well-packed and sent by themselves at planting time direct from our growing station about 50 miles north of Madison. They are well-rooted, large plants. Order early. Write for prices on large quantities. See our Nursery Stock Guarantee on page 64.

## JUNE BEARING STRAWBERRIES

**BEAVER.** (Perfect Flowering.) Our new June bearing strawberry. The Beaver is an offspring of the Dr. Burwell and Premier and a much better commercial berry than either one, as the berries are larger, sweeter and firmer. Will stand unfavorable soil and climatic conditions better than any other variety. The berries are dark red to the center, of a uniform size and the texture firm, requiring picking not more than twice a week. A deliciously mild and sweet berry. In season it is classed as an extra early but it will bear on through with the late varieties. Price: 25 plants for 45c; 50 for 75c; 75 for \$1.00; 100 for \$1.15, postpaid. By express, 1,000 for \$7.00.

**DR. BURRELL.** (Perfect Flowering.) Medium, "The Million Dollar Berry." Does well in all soils and climates. Fruit large, dark red, glossy and fine. Price: 25 plants for 45c; 50 for 75c; 75 for \$1.00; 100 for \$1.15, postpaid.

**BLAKEMORE.** (Perfect Flowering.) Introduced and tested by the U. S. Dept. of Agriculture, Washington, D. C. A firm, large berry with good color extending all the way to the center. Retains its color and flavor for a long time after picking. Very productive. Fine for canning. Price: 25 plants for 50c; 50 for 85c; 75 for \$1.10; 100 for \$1.25, postpaid. By express, 1,000 for \$8.00.

**PREMIER.** (Perfect Flowering.) With due respect for all other strawberries, the finest June bearing home garden variety. Early, strong grower and productive. Does well in all soils and climate. Attractive berries of finest quality. Price: 25 plants for 50c; 50 for 85c; 75 for \$1.10; 100 for \$1.25, postpaid. By express, 1,000 for \$8.00.

**AROMA.** (Perfect Flowering.) Plants large, vigorous, with a splendid root system. Fruit large, holding its size well throughout all the pickings. The berry is nearly round, smooth and perfect in form, of a beautiful bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year. Price: 25 plants for 45c; 50 for 75c; 75 for \$1.00; 100 for \$1.15, postpaid.

**SENATOR DUNLAP.** (Perfect Flowering.) Considered by many the best all-around June strawberry. At any rate it is the one most widely known. The plants are medium in size, long rooted and thoroughly drouth resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time.

The fruit is of medium size, smooth, regular and firm and the color is a beautiful red extending well to the center of the berry. Price: 25 plants for 45c; 50 for 75c; 75 for \$1.00; 100 for \$1.15, postpaid. By express, 1,000 for \$7.00.

## RASPBERRIES

★**CHIEF.** This new red raspberry is ten days earlier than the Latham. It has a fine flavor; large berry; very productive. Extremely hardy, and disease resistant. The Chief is undoubtedly the finest early red raspberry and a fine companion to the famous Latham, of which it is a seedling.

★**LATHAM.** A grand new red raspberry possessing splendid market qualities. We call this the best raspberry thus far introduced. Strong and disease resistant. Fruit large, often measuring 1 inch in diameter, of a dark red color. Juicy and fine flavored. Will live through the winter in Wisconsin without any protection.

**ST. REGIS.** The only dependable everbearing red raspberry. The fine fruit ripens in mid-season and continues through the fall.

Prices, above three varieties: (Strong, 2-yr. transplanted heavy plants Mosaic free) 3 for 35c; 6 for 60c; 12 for \$1.00, postpaid. By express, 50 for \$3.25; 100 for \$6.00.

**CUMBERLAND.** A wonderfully productive variety. Berries run  $\frac{7}{8}$  to 1 inch in diameter. Black in color. Price: 3 for 50c; 6 for 85c; 12 for \$1.50, postpaid. By express, 50 for \$5.00; 100 for \$9.00.

"I thank you very much for the seeds which you sent me. This is the fourth year I am using your seeds and I sure am pleased with them. They always grow no matter what kind of weather, dry or wet, it does not make any difference. I also thank you a lot for the Children's Complimentary Package. Our little four-year-old son is so pleased about them that he always asks me which is his garden and tries to help me hoe."—Mrs. Ben Lausted, Wisconsin.

"I planted your Golden Gleam nasturtium last year. They were marvelous."—Mrs. A. J. Nye, Maine.



Gem, the finest Everbearing Strawberry.

## EVERBEARING STRAWBERRIES

**GEM.** Without exception the best everbearing strawberry. We have tried all the outstanding new varieties and consider this the best. The berries are large, uniform in size and shape and real beauties. Deep glossy red clear through. Never green tipped or white-fleshed which is common among everbearing varieties. The berries ripen red from top to bottom, inside and out. The flavor and quality is wonderful. Berries sweet and delicious and so firm they will keep for days after picking. Plants large and robust. Set a new strawberry bed this spring using Gem Plants. You can't go wrong. Price: 25 plants, 70c; 50 plants, \$1.00; 75 plants, \$1.25; 100 plants, \$1.50, postpaid. By express, 1,000 for \$13.00.

**PROGRESSIVE.** The first successful Everbearer. An old favorite, a tried and proven variety. Does well on all soils and in all climates. The dark glossy red berries are medium to large in size. A very heavy bearer especially through the summer and fall months. Plants set in the spring will give a large crop the same summer and fall, another the following summer and still another in the fall. We highly recommend this variety for home or nearby market. Price: 25 plants for 60c; 50 for 90c; 75 for \$1.15; 100 for \$1.40, postpaid. By express, 1,000 for \$12.00.

**MASTODON.** The largest Everbearing Strawberry. Nine selected berries have filled a quart box. The berries are firm and solid and of a rich, glossy red, delicious in flavor considering their size. Not a shipper. It is one of the largest, heaviest producing strawberries yet introduced. Will not do well on all soils. Price: 25 plants for 70c; 50 for \$1.00; 75 for \$1.25; 100 for \$1.50, postpaid. By express, 1,000 for \$13.00.

"Well, here I am again, one of your old customers. Last year I tried another seed company, but did not like their seeds. I realized Olds have the best and was dependable."—Mrs. Wm. H. Peter, Kentucky.



Latham Raspberries.



# OLDS' FIELD SEEDS

## "KNOWN FOR RELIABILITY"

### INSTRUCTIONS FOR ORDERING FIELD SEEDS

Make out your order on the order blank found in the back of this book. Be sure to fill in your name and address plainly and give us the name of your shipping station as well as the county. If your station is a prepaid station, be sure to note this on your order and send proper remittance for the freight.

Prices quoted on field seeds are good until February 15th. After that date prices are subject to change so write for our weekly price lists which we will be glad to send you. All prices are f. o. b. Madison. Goods will be shipped by freight or express whichever way you mark on your order. Small lots can usually be sent cheaper by parcel post and if you want field seeds sent by parcel

post, be sure to include postage. For proper postage, consult the table at the bottom of this page. Unless postage is included, we will ship by freight or express whichever is the cheapest, purchaser paying the charges at destination.

We furnish containers for all field seeds, sacks or bags whichever is required on your order. We have an accumulation of used bags which we use for these orders. If you desire new bags, add 30c for each bag needed.

Order your seeds early. Field seed prices are very reasonable at this time and as seeding time arrives, prices are likely to advance. Our advice is to order early while stocks are available and prices are low.

## OLDS' FANCY ALFALFA SEED

(Sow 15 to 20 lbs. to the acre.)



A fine field of Alfalfa on a Wisconsin farm.

Seed is again short. The last Government report estimates 48,000,000 pounds against 50,000,000 last year and 61,500,000 in 1933. Prices now are low. Order early.

Alfalfa is again the leader in the entire list of Agricultural Seeds. Because of its outstanding performance as the most valuable of all hay crops, farmers will sow more the coming spring than ever before.

**VERIFIED ORIGIN and STATE CERTIFIED.** All the Alfalfa seed we send out this year will be either "Verified Origin Seed" or "State Sealed and Certified." "Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown.

We handle but one grade of each of the Common Alfalfas, the best, or "Old Gold Brand" quality.

All alfalfa seed is put up in bu. sacks.

### HARDY DAKOTA ALFALFA.

Hardy Dakota is a leader with us in Common Alfalfa. We have a splendid stock of beautiful pure seed, all U. S. Verified Origin Seed, from the Black Hills region of western South Dakota. It is all dry land seed. The unusual hardiness of our Black Hills Dakota No. 12 seed is no doubt largely due to the fact that it is produced on dry soil where climate conditions are very severe.

Prices—By freight:  $\frac{1}{2}$  pk., \$1.80; pk., \$3.40; bu., (60 lbs.), \$13.20; 2 bus. at \$13.05; 5 bus. at \$12.90. 60-pound sacks free. Dakota is all in 60s.

### HARDY WISCONSIN ALFALFA.

We have a fine stock of Genuine Wisconsin Grown Alfalfa Seed, State Verified, mostly, if not all, from Grimm seed, although we do not offer it as Grimm. This seed is thoroughly acclimated. Considered by many the most valuable Alfalfa for sowing in Wisconsin. There was no crop of alfalfa seed harvested in 1935. What we have to offer is 1934 crop seed.

Prices—By freight:  $\frac{1}{2}$  pk., \$1.90; pk., \$3.55; bu., \$13.80; 2 bus. at \$13.65; 5 bus. at \$13.50. Sacks free.

### PARCEL POST RATES, IN EFFECT JAN. 1, 1936

Add postage to field seeds ordered to go by mail.

1st and 2nd Zone (up to 150 miles from Madison) 8c for the first pound, 1.1c for each additional pound.

3rd Zone (151 to 300 miles from Madison) 9c for the first pound, 2c for each additional pound.

4th Zone (301 to 600 miles from Madison) 10c for the first pound, 3.5c for each additional pound.

5th Zone (601 to 1,000 miles from Madison) 11c for the first pound, 5.3c for each additional pound.

6th Zone (1,001 to 1,400 miles from Madison) 12c for the first pound, 7c for each additional pound.

7th Zone (1,401 to 1,800 miles from Madison) 14c for the first pound, 9c for each additional pound.

8th Zone (over 1,800 miles from Madison) 15c for the first pound, 11c for each additional pound.

Packages must not exceed 70 pounds in weight for all zones.



# OLDS' FANCY ALFALFA SEED

## HARDY MINNESOTA ALFALFA

Minnesota is the state where Grimm Alfalfa originated. We have a splendid stock to offer of high testing, genuine Minnesota grown Alfalfa, mostly from Grimm Stock. We call it "Hardy Minnesota Alfalfa, Verified Origin."

Prices—By freight: 1/2 pk., \$1.80; pk., \$3.40; bu., \$13.20; 2 bus. at \$13.05; 5 bus. at \$12.90. Sacks free. All our alfalfa is put up in bu. sacks which are free.

## FANCY IDAHO ALFALFA

We are offering Fancy Idaho Alfalfa this year. The State Experiment Station reports that Idaho seed is very satisfactory in the north and almost equal to Dakota and Montana seed. This year Idaho had a good crop while Dakota and Montana had a small crop due to dry weather and insect trouble. Idaho seed this season is lower in price than the Dakota and we think you will find it equally satisfactory. Our stock is bright, high testing seed of "Verified Origin."

Prices—By freight: 1/2 pk., \$1.65; pk., \$3.10; bu., \$12.00; 2 bus. at \$11.85 per bu.; 5 bus. at \$11.70 per bu. Sacks free.

## FANCY NORTHERN NEBRASKA ALFALFA

This alfalfa is a hardy common strain grown in northern Nebraska. It will prove very satisfactory and fit in economically in a three or five-year crop rotation plan.

Prices—By freight: 1/2 pk., \$1.60; pk., \$2.95; bu., \$11.40; 2 bus. at \$11.25 per bu.; 5 bus. at \$11.10. Sacks free.

## GRIMM ALFALFA

Grimm Alfalfa is well known as the hardiest alfalfa. The seed costs more, but it pays to use it to insure against winterkilling when the unfavorable season comes. All our Grimm seed is "State Sealed and Certified."

## BLACKFOOT GRIMM

The Blackfoot Brand of Grimm Alfalfa is a specially choice and famous strain of Grimm grown by an association of Idaho farmers who have absolutely genuine seed and who have all their fields inspected and the seed state certified and state sealed. These growers can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota.

We are large distributors of Blackfoot Grimm. In fact it is a decided leader of ours. The available supply of seed this year is again limited. Get your order in as early as possible.

"Blue Tag" Blackfoot Grimm, the highest grade of Grimm Alfalfa, must show a purity of not less than 99.5 per cent, must be entirely free of dodder and all other noxious weeds but may contain a slight trace of sweet clover, not to exceed 1/32 of 1 per cent.

Prices—"Blue Tag"—By freight: 1/2 pk., \$2.30; pk., \$4.45; bu., \$17.00; 2 bus. at \$16.85; 5 bus. at \$16.70. Sacks free.

"Red Tag" Blackfoot Grimm is nearly equal in purity to "Blue Tag." It must test at least 99 per cent and be free of noxious weeds but may contain as high as 1/16 of 1 per cent sweet clover. Most of our Red tests over 99.

Prices—"Red Tag"—By freight: 1/2 pk., \$2.15; pk., \$4.20; bu., \$16.00; 2 bus. at \$15.85; 5 bus. at \$15.70. Sacks free.

## IDAHO FANCY REGISTERED GRIMM

In addition to our Blackfoot Grimm we have a stock of very fine and very high testing Idaho Fancy Registered "Blue Tag" Grimm, State Certified as to variety. We recommend this seed most highly.

Prices—By freight: 1/2 pk., \$2.10; pk., \$4.00; bu., \$15.60; 2 bus. at \$15.45; 5 bus. at \$15.30. Sacks free.

"Red Tag" Idaho Grimm, State Certified as to variety. Prices: 1/2 pk., \$2.00; pk., \$3.85; bu., \$15.00; 2 bus. at \$14.85; 5 bus. at \$14.60. Sacks free.

## REGISTERED COSSACK ALFALFA

A very hardy type of alfalfa introduced from Siberia by Prof. Hansen of the South Dakota Agricultural Experiment Station. It is a cold and drouth resistant alfalfa and a heavy yielder. Seems to do better on heavy clay soil than the other types. The most important feature of Cossack Alfalfa is its resistance to alfalfa wilt. If your soil is infected with alfalfa wilt, plant Cossack Alfalfa. Our Seed is all Registered Idaho Blue Tag.

Prices—By freight: 1/2 pk., \$2.40; pk., \$4.60; bu., \$18.00; 2 bus. at \$17.85; 5 bus. at \$17.70. Sacks free.

## FANCY KANSAS ALFALFA

Kansas Alfalfa has proved itself very desirable for Wisconsin. At the Wisconsin Experiment Station they place it next to Montana and Dakota for hardiness. Our seed is beautiful bright seed of high quality. "Verified Origin," and the price the lowest of all the alfalfa we offer.

Prices—By freight: 1/2 pk., \$1.50; pk., \$2.80; bu., \$10.80; 2 bus. at \$10.65; 5 bus. at \$10.50. Sacks free.

## BLACK HILLS WYOMING ALFALFA

Black Hills Alfalfa Seed is widely known for its hardiness. This year some of our Black Hills seed is grown in the northeastern part of Wyoming just across the line from South Dakota, along the western slope of the Black Hills and is as hardy as the Dakota seed. It is U. S. Verified as to origin as Wyoming seed. This alfalfa is dry land grown and has stood the test of the dry arid conditions of the Northwest. We consider this a very hardy alfalfa.

Prices—By freight: 1/2 pk., \$1.70; pk., \$3.25; bu., \$12.60; 2 bus. at \$12.45; 5 bus. at \$12.30. Sacks free.

## CYCLONE SEED SOWERS

Much time and seed can be saved by using one of these high grade seed sowers. Scatters seed evenly and is quickly adjusted for all small seeds. Prices—\$2.50, by mail, \$2.65. See illustration on page 89.

for bigger and better legume crops

inoculate  
with



The Original Legume Inoculator

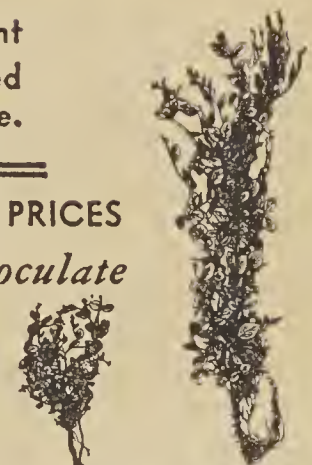
- Established in 1898
- Always Fresh—High Count
- Moist-Soil Culture—Approved
- Easy to Apply—Dependable.



NEW LOW PRICES

..Will NOW Inoculate

1 lb. Alfalfa  
or Clover Seed — Costs  
even LESS for Soy Beans,  
Cow Peas, Lespedeza, Vetch,  
Peas or Beans . . . . .



- NITRAGIN INOCULATION PRICES •
- When Ordering Always Specify Name of Seed

Alfalfa, all Clovers  
Size Retail  
1/2 bu. ea. . . . . \$ .35  
1 bu. ea. . . . . .60  
2 1/2 bu. ea. . . . . 1.25

Vetch, Austrian Peas,  
Canadian Peas, Beans  
Size Retail  
1/2 bu. ea. . . . . \$ .30  
1 bu. ea. . . . . .45  
\*1 1/2 bu. ea. . . . . .70  
5 bu. ea. . . . . 2.00  
\*100 lb. size." Packed  
only for Vetch and Peas.

### LESPEDeza

Unhulled or Hulled  
Size Retail  
1 bu. ea. . . . . \$ .35  
2 bu. ea. . . . . .60  
5 bu. ea. . . . . 1.25

Soy Beans, Cow  
Peas, Lima Beans  
Size Retail  
1 bu. ea. . . . . \$ .35  
2 bu. ea. . . . . .60  
5 bu. ea. . . . . 1.25  
10 bu. ea. . . . . 2.00  
\*25 bu. ea. . . . . 3.75  
\*25 bu. size." Packed  
only for Soy Beans, Cow  
Peas.

Garden Size  
NITRAGIN for  
Garden Peas, Beans,  
Sweet Peas, Lima  
Beans and Lupines  
Inoculates from 1 oz. to  
8 lbs. seed.  
Retail Price...25c each

Oldest and Most Widely Used Inoculator in America



# OLDS' CLOVER SEED



A Beautiful Field of Pure Medium Red Clover.

## OLDS' WISCONSIN CLOVER SEED

(Sow 8 to 10 lbs. to the acre.)

Red Clover Seed Production is estimated at 45,000,000 pounds against 50,000,000 pounds in 1934, 67,000,000 pounds in 1933, and a five-year average of 69,000,000 pounds. We had a good crop in Wisconsin, but much of our seed has already moved to other states. Seed will probably be in short supply at seeding time.

**TESTED SEED.** Do not sow seed grown by your neighbor that has not been cleaned and officially tested. It is against the law in Wisconsin and it may prove costly for him to sell it to a consumer without having it tested and furthermore that is just the way you introduce bad weeds to your farm. Make sure all the seed you sow is thoroughly cleaned and that it shows a high test for both purity and germination with no noxious weeds. Many of our best dealer customers throughout the state ship us the clover that they buy of the farmers in their localities and then buy back again from us recleaned, tested seed that they are sure of. Buy Olds' Clover Seed and play safe.

Insist on having Olds' "Old Gold Brand," "Known for Reliability" Clover Seed. Our seed this year is all Wisconsin grown. It is very fine seed in every way, plump, bright and high testing.

### PRESENT PRICES OF MEDIUM RED CLOVER

Old Gold Brand—By freight:  $\frac{1}{2}$  pk., \$1.75; pk., \$3.40; bu. (60 lbs.), \$13.35; 100 lbs., \$22.00; 500 lbs. at \$21.75. Containers free.

Lakes Brand:  $\frac{1}{2}$  pk., \$1.70; pk., \$3.30; bu., \$13.05; 100 lbs., \$21.50; 500 lbs. at \$21.25. Containers free.

(Our Old Gold Brand represents the best and tests around 99.5 per cent in purity.)

### MAMMOTH CLOVER

Resembles Medium but larger. Best for pasture and fertilizer. Our Mammoth is all Wisconsin and Minnesota grown.

Old Gold Brand—By freight:  $\frac{1}{2}$  pk., \$1.80; pk., \$3.55; bu., \$13.95; 100 lbs., \$23.00; 500 lbs. at \$22.75. Containers free.

### ALSIKE CLOVER

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding. Our Alsike is northern Wisconsin and Minnesota grown. Seed supply is very limited. Order early.

Old Gold Brand—By freight:  $\frac{1}{2}$  pk., \$2.00; pk., \$3.85; bu. (60 lbs.), \$15.15; 100 lbs., \$25.00; 500 lbs. at \$24.75. Containers free.

Lakes Brand. Contains a little White Dutch Clover and Timothy. Excellent for pasture. Better for that purpose even than clear Alsike.  $\frac{1}{2}$  pk., \$1.90; pk., \$3.70; bu., \$14.55; 100 lbs., \$24.00; 500 lbs. at \$23.75. Containers free.

**WHITE DUTCH CLOVER.** Very fine for lawns. Keeps the lawn green during hot, dry weather. Our stock is American grown, very fancy seed, the best we can buy.

Prices, by mail—Old Gold Brand: Lb., 45c; 3 lbs., \$1.20. By freight:  $\frac{1}{2}$  pk., \$2.50; pk., \$4.80; bu. (60 lbs.), \$18.60; 100 lbs., \$30.50. Containers free.

Lakes Brand, containing some alsike:  $\frac{1}{2}$  pk., \$2.40; pk., \$4.70; bu., \$18.30; 100 lbs., \$30.00.

### LESPEDeza

(The Annual Wonder Clover.)

**KOREAN.** A very valuable new crop for the middle section of the country. Grows to perfection in Missouri, the southern half of Illinois and similar latitudes. Produces splendid pasture all summer and fall and is also a great hay crop. Is worth trying in Wisconsin and other northern states. Sow 15 to 20 pounds per acre.

Prices—Old Gold Brand—By freight:  $\frac{1}{2}$  pk., 55c; pk., 95c; bu. (25 lbs.), \$2.95; 100 lbs., \$10.00; 500 lbs. at \$9.75. Containers free.

**HARBIN**—A new early strain of Lespedeza that will mature seed as far north as Wisconsin. The plant is similar to the Korean, only earlier, and not growing as tall as the southern varieties. Our stock is Wisconsin-grown seed.

Prices—Old Gold Brand—By freight:  $\frac{1}{2}$  pk., \$1.05; pk., \$2.00; bu. (25 lbs.), \$7.50; 100 lbs. at \$28.00; 500 lbs. at \$25.00. Containers free.



# OLDS' SWEET CLOVER

## (The Great Fertilizer and Hay Crop.)

The Sweet Clover seed crop is estimated at 47,000,000 pounds against a five-year average of 53,500,000 pounds. There was some carry-over, but smaller than the average. It looks like a good buy at these prices.

Sweet Clover should be planted for 3 reasons: (Wis. Bulletin No. 178.)

**First—A Great Pasture Crop.** When the ordinary blue grass pastures dry up in midsummer, Sweet Clover keeps right on growing and furnishes wonderful pasture right through the drouth period.

"Cows on Sweet Clover produce a splendid flow of milk. It will generally pasture a thousand-pound cow per acre for a period of about 4 months."—Wisconsin Bulletin.

**Second—Wonderful Soil Builder.** "Sweet Clover is an excellent crop for building up worn-out soils."—Bulletin 178. It grows faster than red clover or alfalfa and larger and the roots penetrate deeper into the soil.

**Third—A Valuable Hay Crop.** While not quite equal to Alfalfa it makes good hay if cut at the right time and cattle will eat it. The Grundy County and the Albotrea are the best for hay.

Build up your withdrawn wheat and corn land with Sweet Clover.

**CULTURE**—Sweet Clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. It can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. **Fifteen Pounds of Seed per Acre** is usually sufficient a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing with Nitragin or Nod-o-gen. Use lime if your soil is sour. Most any well-drained soil is all right for Sweet Clover.

### GRUNDY COUNTY WHITE BLOSSOM

Grundy County Sweet Clover has several outstanding advantages. **First**, it is three weeks earlier than the common sweet clover. Thus the seed ripens ahead of most weeds. **Second**, while it grows to a good height and makes a good hay crop it is not as tall as the common and is much more easily handled. **Third**, it is finer and more leafy than the common and branches thickly about a foot above the ground. **Fourth**, it yields more seed than the common, several farms in Grundy County producing as high as 8 to 15 bushels per acre.

Grundy County Sweet Clover is perhaps more like Alfalfa than Sweet Clover. It grows like alfalfa only faster and the hay is like alfalfa hay so that it is in fact almost a "White Blossom Alfalfa."

Prices—Old Gold Brand—By freight: 1/2 pk., 70c; pk., \$1.30; bu., \$4.65; 100 lbs., \$7.50; 500 lbs. at \$7.25. Containers free.



Five Acres of Sweet Clover Pastured Ten Cows for Two Months. (From Bull. 416)

### COMMON WHITE BLOSSOM SWEET CLOVER

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices—Old Gold Brand—By freight: 1/2 pk., 70c; pk., \$1.30; bu. (60 lbs.), \$4.65; 100 lbs., \$7.50; 500 lbs. at \$7.25. Containers free.

### YELLOW BLOSSOM SWEET CLOVER

This is the large strain of Yellow Sweet Clover, biennial the same as the Common White. Increasing in popularity. Some say it is better for pasture than the White because it stays green longer.

Prices—Old Gold Brand—By freight: 1/2 pk., 80c; pk., \$1.45; bu., \$5.25; 100 lbs., \$8.50; 500 lbs. at \$8.25. Containers free.

### ALBOTREA YELLOW BLOSSOM

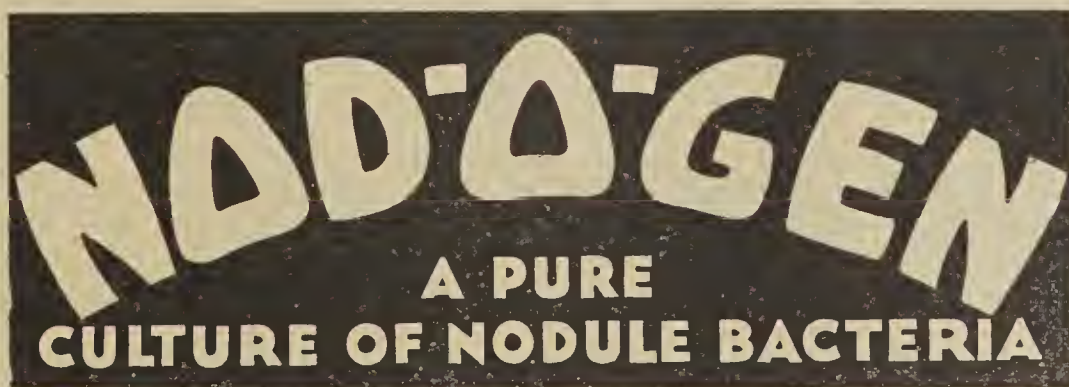
Albotrea is a strain of Dwarf Yellow Blossom Sweet Clover. Has been grown several seasons on the Wisconsin Experiment Station Farm and they think very highly of it there. They say it is much to be preferred to the regular Biennial White Blossom and they like it better than Grundy County. Three weeks earlier than the Common White.

Prices—Old Gold Brand—By freight: 1/2 pk., 95c; pk., \$1.75; bu., \$6.45; 100 lbs., \$10.50; 500 lbs. at \$10.25.

### HUBAM. (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year. Very desirable for a honey crop because it continues to blossom all summer long.

Prices—Old Gold Brand—By freight: 1/2 pk., \$1.20; pk., \$2.35; bu., \$9.15; 100 lbs., \$15.00; 500 lbs. at \$14.75.



Increase quality, quantity and yield of all legume crops. NOD-O-GEN bacteria assure heavy nodules on roots to gather nitrogen from the air. Enriches soil, increases protein content of plant, adds to the soil an average of 100 lbs. of nitrogen per acre.

NOD-O-GEN is a pure culture of root nodule bacteria, grown on special food jelly in patent stopper bottles. Keeps cultures vigorous. Order according to groupings and specify sizes. Prices as follow:

Postpaid Prices: For alfalfa and all clovers, 1/2 bu. size, 35c; bu., 50c; 2 1/2 bu. size, \$1.00. For soy beans, peas, vetches, Lespedeza, etc., 1 bu. size, 35c; 2 bu. size, 50c; 5 bu. size, \$1.00. For garden beans, sweet peas and peas. Treats 8 pounds of seed, 20c.

**Specify sizes and varieties when ordering NOD-O-GEN**



# OLDS' SEED CORN

(Plant 7 to 12 lbs. to the acre.)

## WISCONSIN GROWN CORN

**PLEASE NOTE**—As this book goes to press, the seed corn situation looks very serious. Much of the corn which was expected to make seed contains 30 to 50% moisture and is moulding badly. We think seed will be difficult to obtain by planting time.

**OUR CORN GROWN BY SPECIALISTS.** We have our corn grown, selected, sorted, dried and graded by a group of expert corn men in different parts of the state who grow the different Wisconsin varieties on a large scale. All our Wisconsin corn is fire-dried and it is all from select ears. Most of our growers use the new Wright Corn Dryers. The corn is either tipped before shelling or thoroughly graded after shelling and much of it graded with Hero Corn Graders. See page 75.

**CERTIFIED CORN.** The Wisconsin Experiment Association certifies stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, must be true to type, practically free from mixture and show at least 90 per cent germination.

**SPECIAL STOCK WISCONSIN.** This is our best grade of Seed Corn. It is grown by experts who have specialized in growing high quality corn for several years and all this stock is State Sealed and Certified.

**WISCONSIN.** This is all Wisconsin Grown Corn but is not State Sealed or Certified.

### MURDOCK YELLOW DENT.

(Wisconsin No. 13.)

#### SWEEPSTAKES CORN OF THE NORTHERN ZONE.

**Description:** Murdock Yellow Dent is of a deep yellow color, ears  $8\frac{1}{2}$  to  $9\frac{1}{2}$  inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Better for silage than Golden Glow. Not quite as early but nearly so.

**BRUECKNER MURDOCK.** We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his son, Leo Brueckner, has continued the work of developing and improving, using his father's methods. All the Brueckner Murdock we offer this year was grown by him.

Our Wisconsin grown Murdock is fire-dried and choice and most of it from Brueckner seed originally.

**MURDOCK YELLOW DENT:** Special Stock Wisconsin (Brueckner Stock)—Prices:  $\frac{1}{2}$  pk., 75c; pk., \$1.35; bu., \$5.00;  $2\frac{1}{2}$  bus. at \$4.95; 10 bus. at \$4.90.

Wisconsin:  $\frac{1}{2}$  pk., 70c; pk., \$1.30; bu., \$4.75;  $2\frac{1}{2}$  bus. at \$4.70; 10 bus. at \$4.65.

**KNOWN FOR RELIABILITY.** We have probably given more attention to Seed Corn during the past 20 years or more than to any other single item. We specialize in the Wisconsin varieties originated at the Wisconsin Experiment Station and we have developed and improved those varieties so that now we feel safe in saying that there are no stocks of Seed Corn available anywhere adapted to Wisconsin conditions that are quite equal to the stocks we offer.

**HIGH YIELDING STRAINS.** Olds' Seed Corn will not only grow but it will produce high yields. Do not be careless about the seed you plant. Our corn is low in price, considering the quality. Plant the best Seed Corn you can get as the cost an acre for good seed is only 60c.

Be sure and send postage on small lots to go by mail. See table page 68.



Wisconsin No. 8.

### WISCONSIN NO. 8

(Early Yellow Dent)

**Best Husking Variety for Northern Wisconsin.**

Wisconsin No. 8 is probably the earliest of all dent varieties except Wisconsin No. 25. It came originally from Minnesota but has been developed and improved at the Wisconsin Experiment Station, the ears being materially lengthened without sacrificing the extreme earliness. Ears average 7 to 8 inches in length.

Our stock is Northern Wisconsin grown. We recommend it as good a husking variety as there is for north-central Wisconsin.

Wisconsin:  $\frac{1}{2}$  pk., 80c; pk., \$1.50; bu., \$5.50;  $2\frac{1}{2}$  bus. at \$5.45; 10 bus. at \$5.40.

### WISCONSIN NO. 25

(NORTHERN YELLOW DENT)

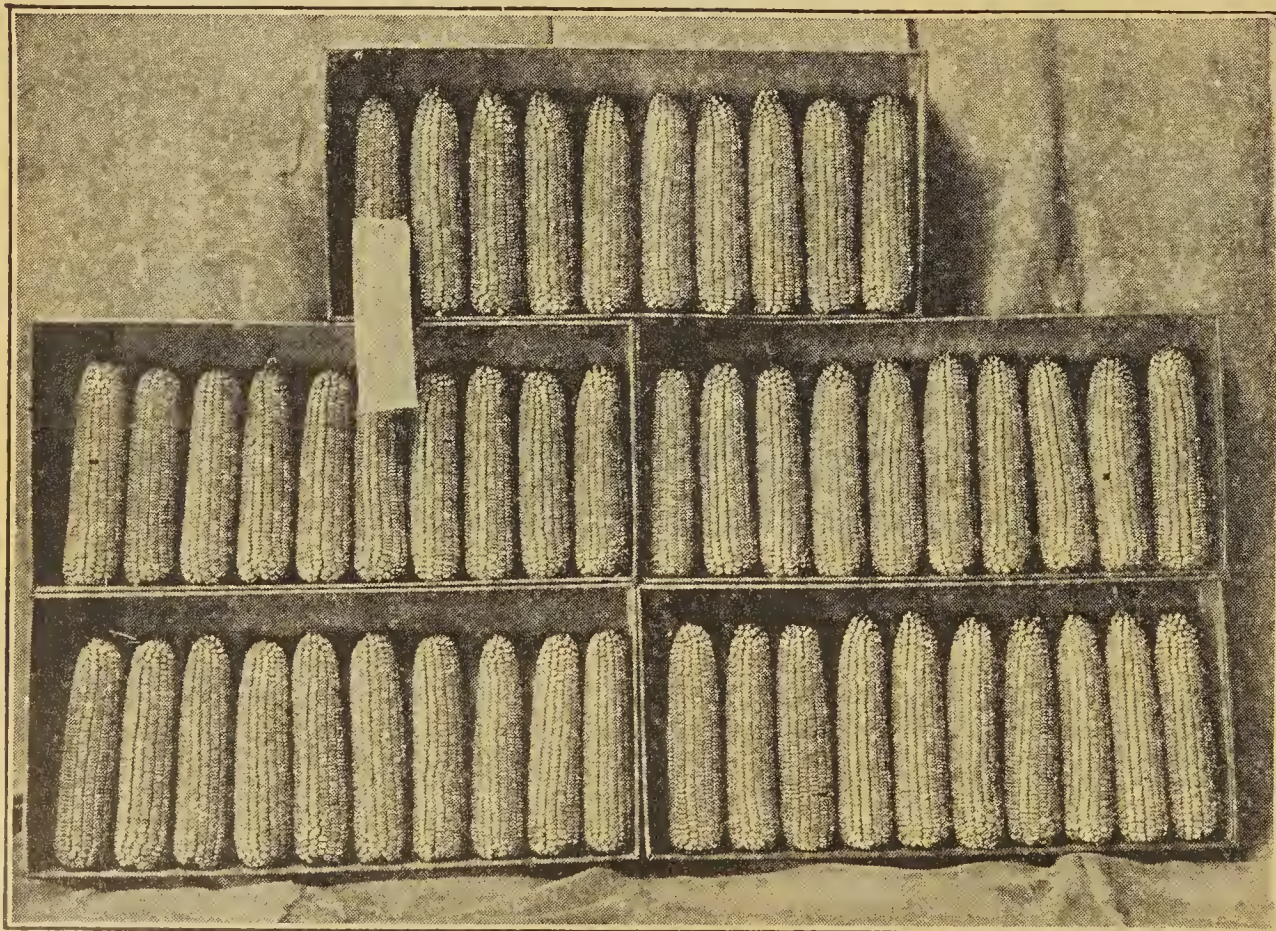
**EARLIEST OF ALL WISCONSIN VARIETIES.**

This is the corn for the extreme north and for late planting farther south. Earlier than any other dent variety and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which was secured from northern Michigan.

Our stock is grown in northern Wisconsin, and is State Sealed and Certified.

Special Stock Wisconsin:  $\frac{1}{2}$  pk., 80c; pk., \$1.55; bu., \$5.75;  $2\frac{1}{2}$  bus. at \$5.70; 10 bus. at \$5.65.

We make no charge for containers, used on field seed orders.



Brueckner Murdock Yellow Dent.



# GOLDEN GLOW (Wisconsin No. 12.)

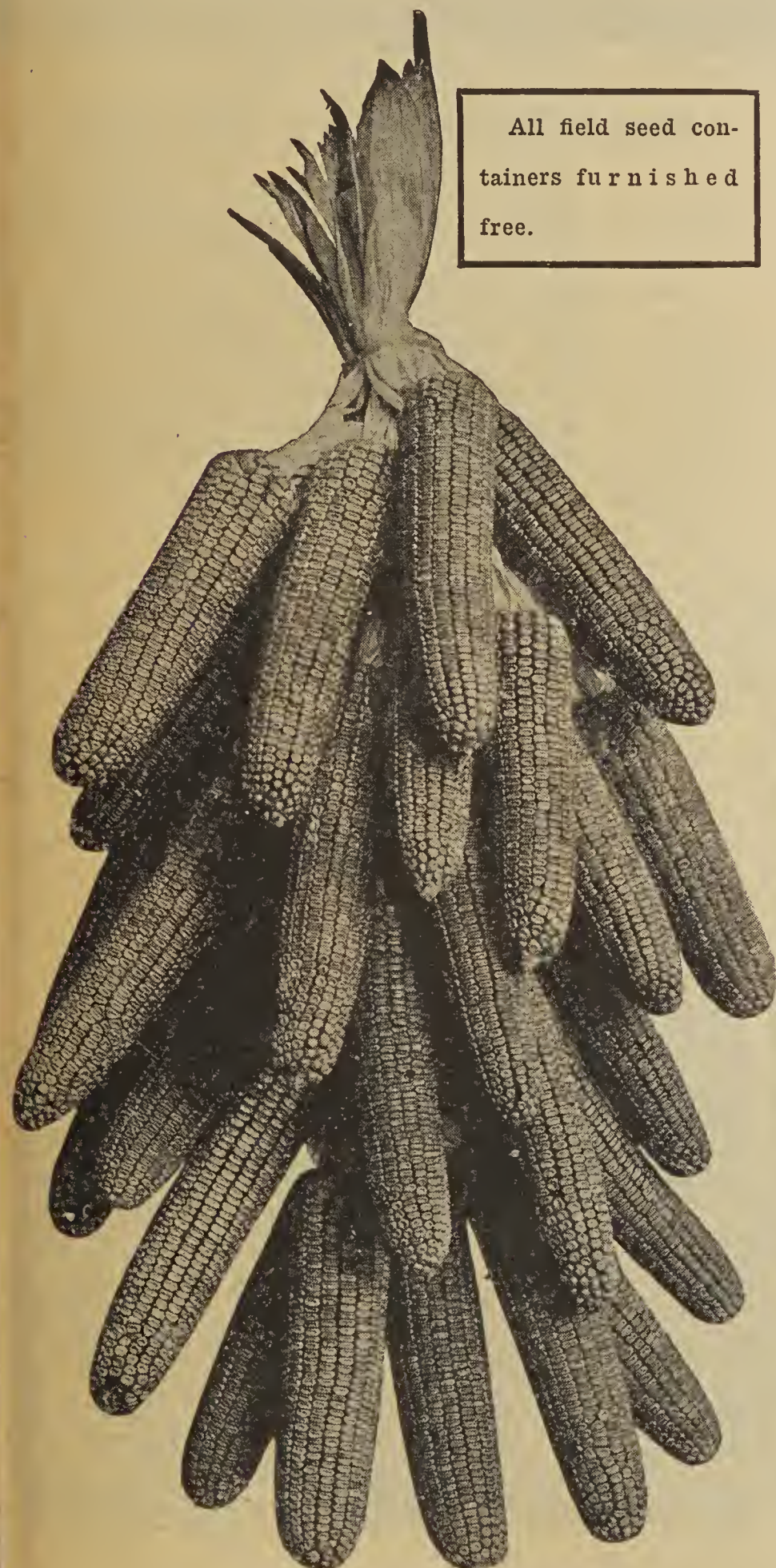
**MOST POPULAR VARIETY OF CORN IN WISCONSIN.**

Golden Glow is the most popular variety of Wisconsin corn. It is grown more largely by far than any other. In fact, the statement has been made by our agronomists at the Wisconsin College of Agriculture that probably at least half of all the corn grown in Wisconsin now is Golden Glow. It certainly is well adapted to all sections of the state as far north as north-central Wisconsin. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

**Description.** Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being  $8\frac{1}{4}$  to  $9\frac{1}{4}$  inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

## PRICES OF GOLDEN GLOW:

Special Stock Wisconsin:  $\frac{1}{2}$  pk., 75c; pk., \$1.35; bu., \$5.00;  $2\frac{1}{2}$  bus. at \$4.95; 10 bus. at \$4.90.  
Wisconsin:  $\frac{1}{2}$  pk., 70c; pk., \$1.30; bu., \$4.75;  $2\frac{1}{2}$  bus., at \$4.70; 10 bus. at \$4.65.



All field seed containers furnished free.

Special Stock Wisconsin Golden Glow.



(Courtesy Wis. Hybrid Crossing Field. College of Agr.)

**Note:** Row with tassels is the male parent; detasseled rows are the female parent and produce the seed.

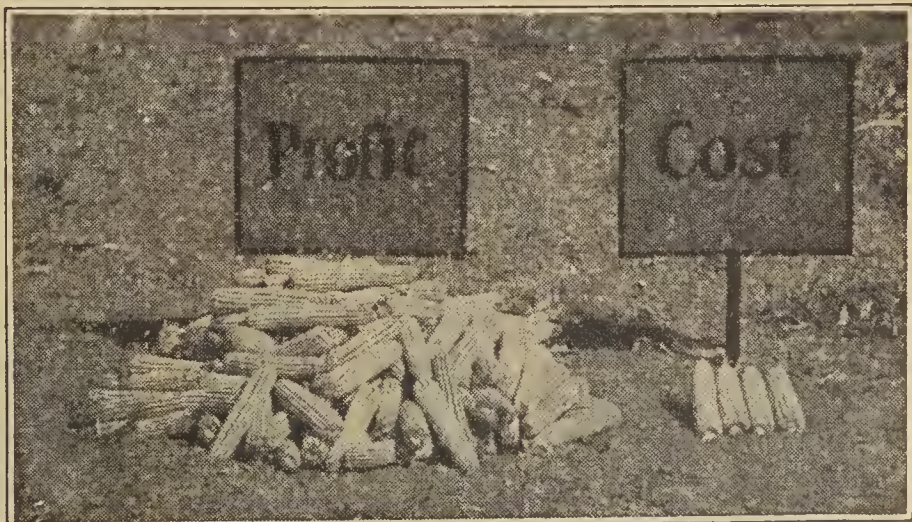
## HYBRID SEED CORN

Progressive farmers everywhere are turning to the hybrid type of seed corn and discarding the old standard varieties. Hybrids unquestionably are the heaviest yielding types of corn on the market today and up-to-the-minute farmers these days want to produce as large a crop as possible per acre. Hybrid corns are produced from inbreds which are crossed in a manner shown in the above picture. The seed obtained from this cross is the hybrid that is planted. Hybrid corn is very uniform, stands up well with handsome large ears and heavy stalk; outyielding all other types. Seed should not be saved from a crop of Hybrid corn as the seed breaks up the next year and will not produce a satisfactory crop. Seed is very short. Order early. The cost per acre of seed is not high. A bushel of seed will plant eight acres costing only \$1.13 per acre for seed at present prices. State sealed in bushel sacks only. In smaller quantities seed will be sent in unsealed sacks.

**105-Day HYBRID.** This hybrid is a few days earlier than Golden Glow and we recommend it for the central part of Wisconsin. Special Stock Wisconsin: Pk., \$2.75;  $\frac{1}{2}$  bu., \$5.00; bu., \$9.00. State sealed in bushel sacks.

**110 to 115-DAY HYBRID.** We recommend this hybrid for planting in southern Wisconsin and northern Illinois or in central Wisconsin as a silage corn. It outyields the 105-day having a larger ear and stalk. Special Stock Wisconsin: Pk., \$2.75;  $\frac{1}{2}$  bu., \$5.00; bu., \$9.00.

**TREAT YOUR SEED CORN WITH NEW IMPROVED SEMESAN JR.**  
DESTROYS DISEASE GERMS, PREVENTS SEED ROTTING, INCREASES STANDS AND YIELDS.



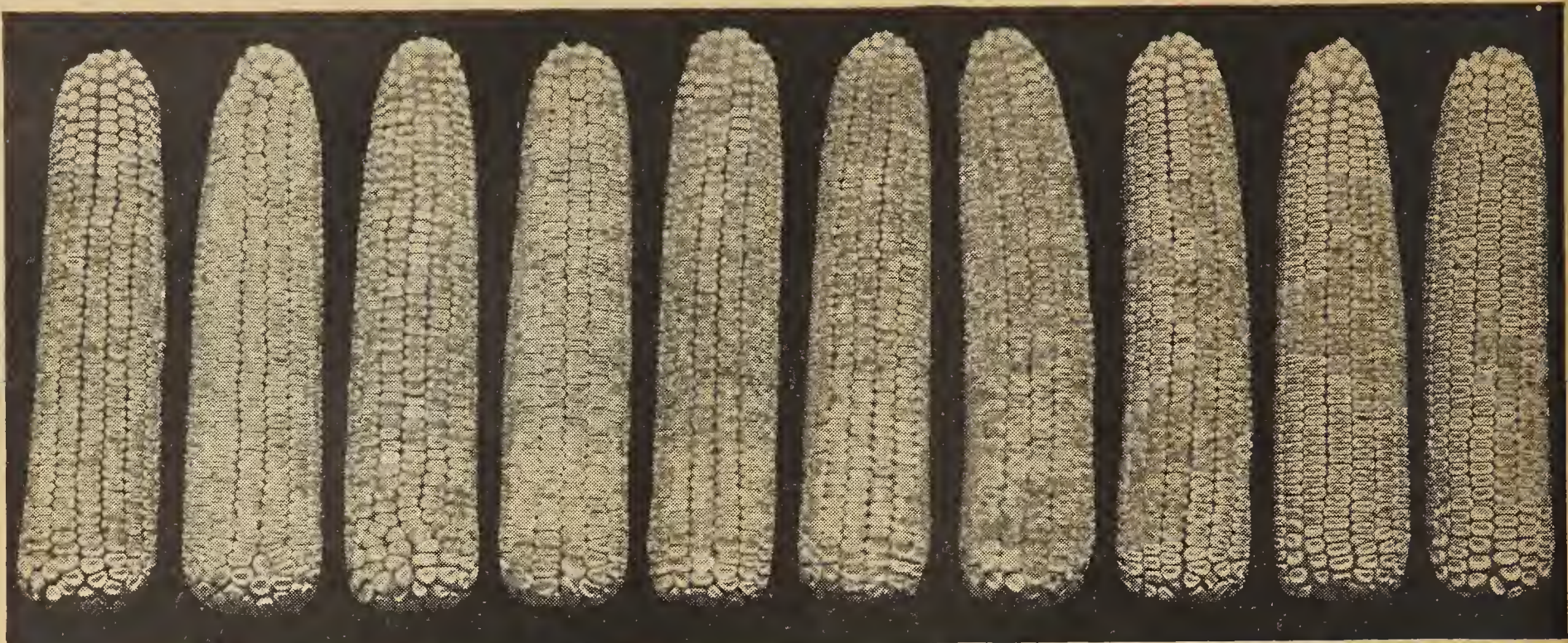
New Improved Semesan Jr. increased the yield on the average 3.55 bushels per acre. Only 4 ears, or  $3\frac{1}{2}$  pounds of corn required to pay for this increase in yield when corn is selling at 64c a bushel.

The corn crop of the country is reduced over 80 million bushels per year by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn.

Two and one-half cents an acre for New Improved Semesan Jr. is a trifling investment to increase your corn crop 10%. In 51 tests on Corn Belt farms, this new ethyl mercury phosphate dust produced an average increase of 10% in yield. New Improved Semesan Jr. protects seed, field or sweet corn against rotting; gives better stands; reduces losses from root rots. Easily and quickly dusted on seed at the rate of 2 ounces a bushel. There is a measuring spoon in larger sized tins. Costs less than 3 cents an acre. Does not reduce the rate of drop in planting.

Prices: 4-oz. size, 35c; by mail, 40c; 1-lb. size, \$1.00; by mail, \$1.10; 5-lb. size, \$4.75; by mail, \$5.00; 25-lb. size, \$23.25.





Ten Ears of Special Stock Wisconsin Silver King, Grown in Jefferson County, Wisconsin.

## SILVER KING (Wisconsin No. 7)

BEST YIELDER OF ALL OUR WISCONSIN VARIETIES AND BY FAR THE BEST WHITE DENT FOR SOUTHERN WISCONSIN AND NORTHERN ILLINOIS.

Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard variety. It is a big yielder and specially fine for the silo. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, so far as we know, is 137 6-10 bushels per acre. This yield was in Racine County.

The Official Description from Wisconsin College of Agriculture Corn Bulletin No. 170, is as follows:

"This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from 8½ to 9½ inches.

### PRICES OF SILVER KING:

Special Stock Wisconsin: ½ pk., 75c; pk., \$1.35; bu., \$5.00; 2½ bus. at \$4.95; 10 bus. at \$4.90.

Wisconsin: ½ pk., 70c; pk., \$1.30; bu., \$4.75; 2½ bus. at \$4.70; 10 bus. at \$4.65.

## COLD RESISTANT GOLDEN GLOW.

EARLIER THAN GOLDEN GLOW AND THE BEST GOOD-SIZED CORN FOR CENTRAL AND UPPER WISCONSIN.

Cold Resistant Golden Glow is a genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather.

It is just what its name indicates, a strain of Golden Glow that will resist the cold, unfavorable weather we are so apt to have at corn planting time and a little later on and permit earlier planting.

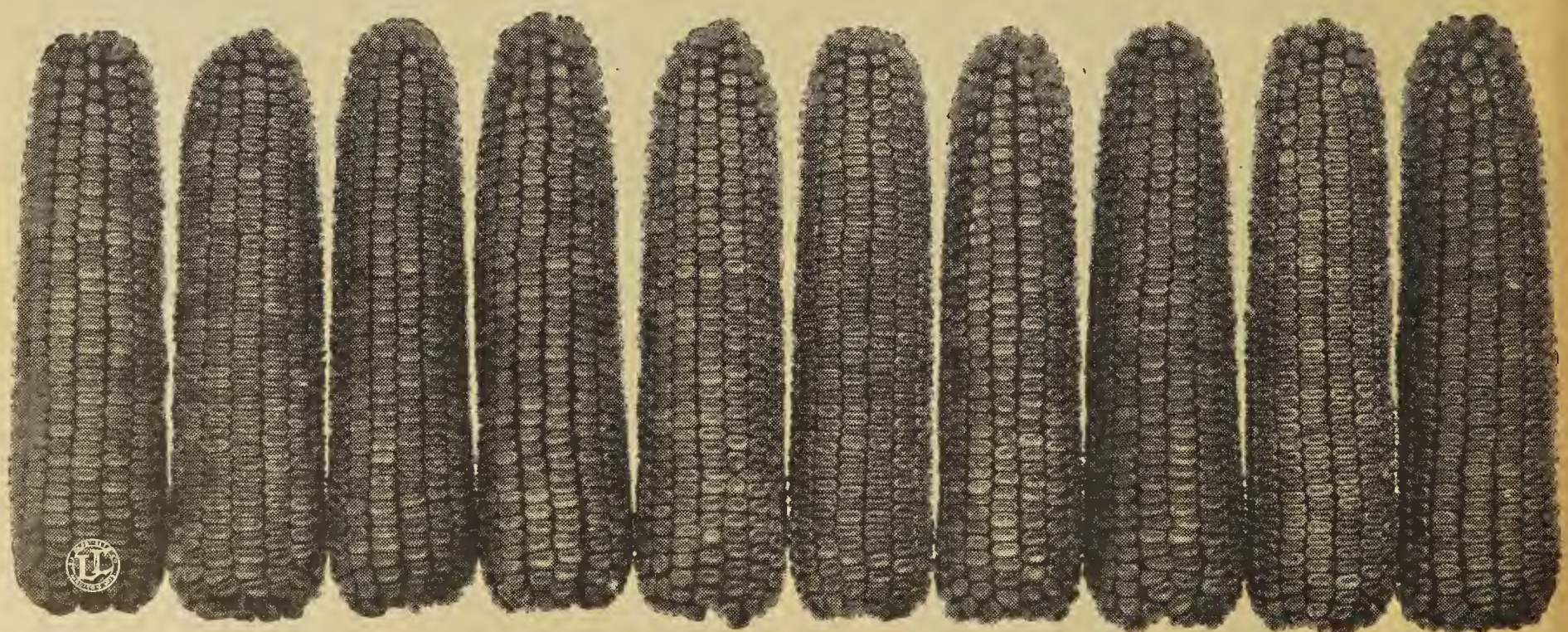
The official History and Description of Cold Resistant from Wisconsin Bulletin No. 170 reads as follows:

"Owing to the cool weather which frequently prevails during the early part of the growing season and retards the growth of corn a strain was bred which will continue to grow under conditions too cool for ordinary varieties. This work was begun in 1914 by germinating six kernels from each of a large number of ears, in an ice box kept at a temperature of 42° to 45° F. After six years of selection, a strain of Golden Glow Corn was produced which will grow at a soil temperature several degrees lower than that required for the standard Golden Glow strains.

Our Wisconsin Cold Resistant is from Pierce County, Northwestern Wisconsin. A lot of selection work has been put on it making it earlier. It runs a full week earlier in maturity than Golden Glow.

### PRICES OF COLD RESISTANT:

Wisconsin: ½ pk., 80c; pk., \$1.50; bu., \$5.50; 2½ bus. at \$5.45; 10 bus. at \$5.40.

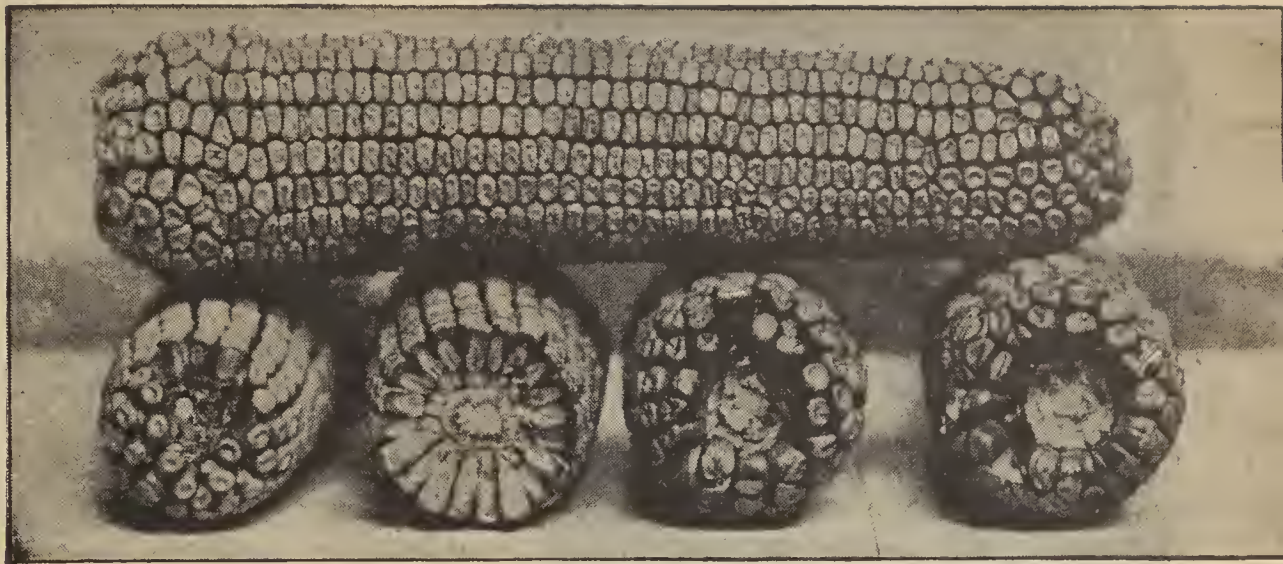


Ten Typical Ears of Cold Resistant Golden Glow.



## ENSILAGE CORN

The corn offered on this page is all Nebraska and Iowa grown, except the Flint varieties, which are Wisconsin grown. That means of course, that it will be later in maturing than Wisconsin corn. It is all good seed corn from some of the best and most reliable Nebraska growers, all double milled and showing germination tests of 90 per cent or better. We like to see Wisconsin farmers and other northern farmers order Wisconsin Grown Corn for their general planting as we know it will give the best satisfaction. For silage and for fodder of course the Nebraska corn will do very well, and costs less.



Reid's Yellow Dent. A very popular Large Yellow Corn.

### REID'S YELLOW DENT

Reid's Yellow Dent is doubtless more largely grown throughout the Corn Belt than all other varieties of Yellow Corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the north for silo and in a very favorable season the ears will fully mature. It will make a larger tonnage for the silo than anything else we offer except Giant Red Cob Ensilage but Red Cob will not ordinarily give you ears.

Prices:  $\frac{1}{2}$  pk., 55c; pk., \$1.00; bu., \$3.00;  $2\frac{1}{2}$  bus. at \$2.95; 10 bus. at \$2.90.

### IMPROVED LEAMING

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the north for silage. Not quite as large and not quite as late as Reid's Yellow Dent.

Prices:  $\frac{1}{2}$  pk., 55c; pk., \$1.00; bu., \$3.00;  $2\frac{1}{2}$  bus. at \$2.95; 10 bus. at \$2.90.

### IMPROVED SMUT NOSE FLINT

#### BEST OF ALL FLINTS.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our stock was grown in Jefferson County, Wisconsin. It is fire-dried the same as all our other Wisconsin corn.

Prices:  $\frac{1}{2}$  pk., 80c; pk., \$1.45; bu., \$5.50;  $2\frac{1}{2}$  bus. at \$5.45; 10 bus. at \$5.40.

### HAND CORN PLANTERS

A hand corn planter is a necessity around the farm for planting small lots or for re-planting where seed is drowned out or failed to germinate. We carry a complete stock of Acme Hand Planters. See page 90 for descriptions and prices.

### ROOT CROPS

Root crops are profitable. They will save one-half the grain feed without reducing the milk yield. They cost only \$4.00 to \$5.00 a ton while other concentrates cost about \$30.00 per ton to produce. An enormous crop can be taken from an acre. Mangels sometimes produce from forty to fifty tons per acre. Turnips can be sown with grain thereby costing practically nothing to produce. See page 88 for quantity prices on root crop seeds.

See Postal Table on page 68 to figure postage required on small lots of field seeds ordered sent by mail.



Improved Smut Nose Flint.

### GIANT RED COB ENSILAGE

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the north for a large growth of green fodder. Does not ordinarily mature ears in the north.

Prices:  $\frac{1}{2}$  pk., 55c; pk., \$1.00; bu. (56 lbs.), \$3.00;  $2\frac{1}{2}$  bus. at \$2.95; 10 bus. at \$2.90.

### EVERGREEN SWEET FODDER CORN

A fodder grade of Stowell's Evergreen Sweet Corn. Exactly the same as our garden Stowell's Evergreen except not hand picked. See page 15.

Prices:  $\frac{1}{2}$  pk., 90c; pk., \$1.50; bu. (45 lbs.), \$4.50; 10 bus. at \$4.40.

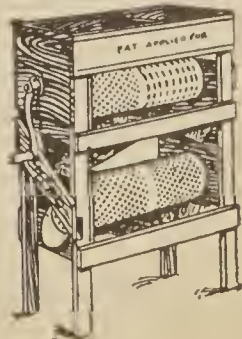
### HERO CORN GRADER

A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect stand.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$17.00.

### BONIDE CRO-TOX.

For the protection of seed corn against birds and rodents. See page 93.





# OLDS' SEED BARLEY

(Sow 96 to 110 pounds to the acre.)

## PEDIGREE BARLEY IS ONE OF OUR LEADERS

**WISCONSIN BARLEYS LEAD THE WORLD.** We are headquarters for pure reliable seed of the new Wisconsin Pedigree No. 38 Barbless and also the old Wisconsin Pedigree. We offer at very low prices "Registered," "Certified" and "Standard" seed. See page 77 for explanation of "Registered" and "Certified."

## WISCONSIN PEDIGREE NO. 38 BARBLESS

NEWEST AND BEST IN BARLEY.

We offered this variety for the first time 5 years ago, calling it "the last word" in barley. It seems to have fully justified all that has been claimed for it and it is now the leader of all barleys. In comparative tests made at the State Experiment Station at Madison this barley made a yield of 55.5 bushels to the acre, a yield which is more than 20 bushels over the Oderbrucker, approximately 17 bushels above the Velvet variety, and 14 bushels more than the Glabron variety.

Wisconsin Pedigree No. 38 originated at the Wisconsin Experiment Station in 1916 when a black, smooth awn barley from southern Russia was crossed with Oderbrucker. The object was to combine the yield, stiffness of straw, light color and high quality of the Oderbrucker with the smooth awn of this Russian barley. The result has been marvelous, for not only has a smooth awn been secured but the yield of the Oderbrucker has been greatly increased while all of the other good qualities have been retained.

### THE VALUABLE FEATURES OF WISCONSIN BARBLESS ARE:

**First—Smooth Beards.** This makes the barley nice to handle. Some farmers say they would just as soon handle this barley as to handle oats.

**Second—Resistance to Hot Weather.** This barley is from three to five days later than Oderbrucker and other rough bearded barley. This is not an objection but an advantage as it simply adds to the maturity period producing a larger kernel than the earlier varieties.

**Third—Heavy Yielding Qualities.** It has gone way beyond all others in yield. In the southern counties the yields have been shooting up as high as 80 bushels per acre, machine measure. 55 and 60 seem quite common, which is easily a gain of one-fourth to one-third over the rough barley.

In addition to its other good qualities it has shown itself much more resistant to stripe disease than any other barley.

**Registered Seed—By freight:** ½ pk., 25c; pk., 40c; bu. (48 lbs.), \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05.

**Certified Seed:** Bu., \$1.13; 10 bus. at \$1.08; 25 bus. at \$1.03.

**Standard Seed:** Bu., \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00.



Sheaf of Wisconsin No. 38 Barbless.

Obtain the Highest Barley Prices by Raising Quality Grain with **NEW IMPROVED CERESAN**.

Prevent covered smut, stripe disease and scab seedling blight, the destructive seed-carried barley diseases, from decreasing the yields and reducing the value of your crop! Treat all seed barley with **New Improved Ceresan**, (ethyl mercury phosphate) the inexpensive, effective grain disinfectant. Only ½ ounce (there is a measuring spoon in each can) is required per bushel of seed. Costs 1⅞ to 2⅓c a bushel of seed. Easily and quickly applied by 20 to 25 revolutions of seed treater or 3 turnings with a shovel. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill. See page 79.



A Typical Field of Wisconsin Pedigree Barley.

## WISCONSIN PEDIGREE BARLEY (ROUGH BEARDED)

Wisconsin Pedigree Barley has for years held its place as the leading variety of six-rowed barley. It has doubled the yield of common barley and has been worth millions of dollars to the farmers of Wisconsin alone.

It was originated at the Wisconsin College of Agriculture and was the result of 12 years of painstaking breeding work. It still stands out above all previous varieties of barley for heavy yield, plump grain, stiff straw, large heads and great feeding value. Some of our growers think it yields better than the new Wisconsin No. 38.

**Registered Seed—By freight:** ½ pk., 25c; pk., 40c; bu., \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05.

**Certified Seed:** Bu., \$1.13; 10 bus. at \$1.08; 25 bus. or over at \$1.03.

**Standard Seed:** Bu., \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00.



# OLDS' SEED OATS

(Sow 64 to 96 pounds to the acre.)

**WISCONSIN PEDIGREE VARIETIES ONLY.** Wisconsin stands at the head of all the states in developing valuable pedigree strains of oats. We are in close touch with the work done along this line at the Wisconsin Experiment Station here at Madison and offer the varieties produced by them, confining ourselves entirely to those varieties.

**REGISTERED SEED.** "Registered Seed" as defined by the Wisconsin Experiment Association is seed that was grown from either foundation or registered seed, that has been both field inspected and sample inspected by the Experiment Association and shows a purity test of not less than 99.8 per cent. There must be not more than one kernel per pound of other varieties or kinds of grain, no noxious weed seeds, not more than 9 per pound of other weed seeds and not more than 2-10 per cent of inert matter. The grain must be grown from seed treated for smut and show not more than  $\frac{1}{2}$  per cent of smut. Most of our growers treat with Ceresan. See page 79. Germination must be at least 90 per cent, weight not less than 30 pounds. By foundation seed is meant seed that was grown on the Station Farm.

**CERTIFIED SEED.** "Certified Seed" calls for the same inspections as Registered Seed, with freedom from noxious weeds, the purity test not less than 99.5 per cent. There must be not more than 5-10 per cent mixture of other varieties and not more than 9 per pound other kinds of grain, otherwise the same requirements as for Registered Seed.

**OFFICIAL TAGS.** We use official certification tags authorized by the Wisconsin Experiment Association.

**STANDARD SEED.** Our Standard Seed shows high purity and is nearly equal to the Registered and Certified Seed.

## WHITE CROSS (Wis. Pedigree No. 19)

**FINEST APPEARING EARLY OAT.**

White Cross is a Pedigree variety developed at the Wisconsin Experiment Station.

In this variety the attempt has been made to produce a white oat of larger size than State's Pride but still maintaining the earliness and high yield. The result has been wonderfully satisfactory.

These are the outstanding features of White Cross:

First, it is extra early, almost as early as the famous State's Pride.

Second, it is white instead of yellow, with a good sized grain.

Third, it is a heavy yielder, second only to State's Pride at the Wisconsin Experiment Farm and some years outyielding that variety.

Fourth, it grows a taller straw than State's Pride and can always be easily harvested by the binder even on thin poor land.

Fifth, it is the best early oat for light soils, outyielding all other earlies.

### PRICES OF WHITE CROSS OATS:

Certified:  $\frac{1}{2}$  pk., 15c; pk., 25c; bu., 65c; 10 bus. at 60c; 25 bus. at 55c.  
Standard Seed: Bu., 60c; 10 bus. at 55c; 25 bus. at 50c.



Field of Forward Oats. (Courtesy of Prof. E. J. Delwiche.)

## FORWARD (Wis. Pedigree No. 1241)

Forward is a new pedigreed variety of oats specially valuable for the north. It is a handsome, white, medium early, heavy yielding, plump variety that is giving splendid satisfaction in every way.

**History.** Forward is a selection from Silver Mine made in 1911, not at the Madison Station but at the Demonstration Station at Superior, being further improved at the Ashland Station.

**Description:** It has a white, fairly plump kernel of medium length. The variety stands out conspicuously as the best yielding oats for the northern, or Lake Superior

region. It outyielded its nearest competitor by nearly 5 bushels per acre, and Pedigree 5 by 9.6 bushels. Forward is recommended as the best oat for the northern section of the state.

We are glad to have this oat to offer our customers as an improved strain of Silver Mine, which has long been a popular oat with the farmers of the Northwest. Pure white, plump, smooth, heavy, medium early.

### PRICES OF FORWARD OATS:

Standard Seed Only: Pk., 25c; bu., 60c; 10 bus. at 55c; 25 bus. at 50c.



Sheaf of First Prize White Cross.





Prize Sheaf of State's Pride at one of the Grain Shows of the Wisconsin Experiment Association.

## STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)

**Most Popular Early Oat and Best Yielder of all Oats at Wisconsin Experiment Station Farm.**

It has proven to be the best grain for a nurse crop and because of its high yielding qualities and earliness it has become the most popular oat in Wisconsin.

**Description.** State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. The oats are small in size but how they do pour out of the spout at threshing time. State's Pride is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This enables it to escape rust.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm.

It has been grown for over 20 years at the Experiment Station and has given an average yield of 68.5 bushels per acre, a record which no other oat has equalled.

### PRICES OF STATE'S PRIDE OATS:

**Registered Seed**—By mail: Lb., 20c. By freight: ½ pk., 15c; pk., 25c; bu., 65c; 10 bus. at 60c; 25 bus. or over at 55c.

**Certified Seed:** Bu., 63c; 10 bus. at 58c; 25 bus. at 53c.

**Standard Seed:** Bu., 60c; 10 bus. at 55c; 25 bus. at 50c.

(All orders for less than one bushel will be filled from Registered Seed.)

### DEPENDABLE SEED POTATOES

Do not overlook our Seed Potatoes offered on pages 86 to 88. We have long made a specialty of choice, dependable stock of the leading varieties. Most of it is "Certified Stock." You will want to try our new varieties, White Gold, New Early, Chippewa, New Late.



Prof. R. A. Moore Inspecting a Field of State's Pride Oats.



# WISCONSIN WONDER (PEDIGREE No. 1.)



A field of Wisconsin Wonder Oats.

## PROBABLY THE BEST ALL-AROUND MEDIUM OAT.

A wonderfully valuable oat first introduced by us 15 or more years ago. Out on the University Farm they called it the "best oat in the world," and the most popular medium late oat in Wisconsin.

**History.** Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station in 1901 from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Ass'n. for trial. Pedigree No. 1 proved the best. It is medium in season.

**Description.** Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, with rather long kernels.

## PRICES OF WISCONSIN

### PEDIGREE NO. 1:

Standard Seed: Pk., 25c; bu., 60c; 10 bus. at 55c; 25 bus. or over at 50c.

# SWEDISH SELECT (PEDIGREE No. 5.)

## FINEST IN APPEARANCE OF ALL OUR VARIETIES.

Of all the splendid Wisconsin varieties of oats, Wisconsin Pedigree No. 5 is the plumpest and finest appearing. The kernels are large, thick, pure white and most attractive.

**History.** Wisconsin Pedigree No. 5 is a pure-line selection from the Swedish Select, which was obtained from the U. S. Department of Agriculture in 1898. It was sent out by the Wis. Ex. Station about 1913.

**Description.** Wisconsin Pedigree No. 5 grows medium to tall in height with large, thick, spreading heads. Heavy in weight, and a great yielder, always standing well up toward the top in yields per acre.

Perhaps the only fault this variety has is a tendency to lodge on rich soils. It is all right for clay soils and ordinary light soils but we do not recommend it for rich, black soils. In season about medium.

Prices, Standard Seed: Pk., 25c; bu., 60c; 10 bus. at 55c; 25 bus. at 50c.

Note.—Oat prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date.



Swedish Select Oats.

# PREVENT OAT, WHEAT AND BARLEY SMUT WITH NEW IMPROVED CERESAN

## A NEW LOW COST GRAIN DISINFECTANT

Lower Production Cost of Oats and Barley by Increasing Yields with NEW IMPROVED CERESAN.

Lower your production cost per acre—enlarge your profits—by increasing yields with New Improved Ceresan, the ethyl mercury phosphate dust disinfectant. Treat all seed oats, barley and wheat with New Improved Ceresan to control seed-borne smuts and scab seedling blights. It is effective and inexpensive. Only ½ ounce (there is a measuring spoon in each can) is required per bushel of seed. Costs but 1⅞ to 2⅓c a bushel of seed. Easily and quickly applied by 20 to 25 revolutions of seed treater or 3 turnings with a shovel. Seed should be treated 24 hours before planting. No wetting of the seed nor reduced drilling rate.



Ceresan increased this oats yield 19.1 bushels per acre and gave perfect smut control. by mail, \$3.25.

Prices: 1-lb. size, 75c; by mail, 85c. 5-lb. size, \$3.00;



# OLDS' RYE, BEANS, PEAS AND RAPE



Our President, Mr. R. H. Lang, inspecting a field of No. 6 Winter Rye on the Stokes Farm, Jefferson Co.

## WISCONSIN PEDIGREE NO. 6 WHITE WINTER RYE

Wisconsin Pedigree No. 6 is a new strain of Winter Rye recently released by the Wisconsin Experiment Station. We offered it for the first time three years ago. Its strong feature is its very light color, almost pure white. The Pedigreed White Rye was the result of an effort to get a nicer appearing rye than we had in the old Pedigree Schlanstedt and meet the expectations of millers and bakers who prefer lighter colored ryes.

This new rye is just as good a yielder if not better than the old Wisconsin Pedigree and it has a big advantage in quality. It is also shorter in straw. We recommend it as the best in rye.

Prices—Write for prices in season.

**COMMON WINTER RYE.** Write for prices in season.

*"I want to say this: I like your seeds because your seed I find is true to name, no substitutions, and of high quality. Your seeds produce better flavored vegetables than seed I buy from dealers in ———. Where they get the seed from, I do not know. You certainly live up to all you claim your seeds to be, one hundred per cent perfect."—C. W. Binus, New York.*



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

## OLDS' SPRING RYE

(Sow 70 to 98 lbs. to the acre.)

Spring Rye is a valuable crop. It should be more largely sown. Here are some of its good qualities:

**First.** It can be sown late in the spring, later than other spring grain.

**Second.** It is a splendid nurse crop for clover, as the crop is harvested early.

**Third.** It does well on nearly all soils and can be grown on very poor land.

**Fourth.** It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Prices, by freight: ½ pk., 30c; pk., 50c; bu. (56 lbs.), \$1.50; 10 bus. at \$1.45; 25 bus. at \$1.40.

**NOTE**—All Field Seed prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date. Prices include sacks. Add postage if items ordered are to be sent by mail. See table page 68.

## FIELD BEANS

**WHITE NAVY.** Prices, by mail: Lb., 20c; 3 lbs., 45c. By freight: ½ pk., 45c; pk., 85c; bu., \$3.15; 100 lbs., \$5.00; 500 lbs. at \$4.85. Bags free.

**RED KIDNEY BEANS.** Prices, by mail: Lb., 30c. By freight: ½ pk., \$1.35; pk., \$2.50; 60 lbs., \$7.35; 100 lbs., \$12.00.



Field Peas at the Ashland Branch Station. (Courtesy of Prof. Delwiche.)

## OLDS' WHITE CANADA FIELD PEAS

Field Peas should be sown more largely. They make splendid hay. White Canada is the best known and most popular variety of field peas. Sow 1 to 1½ bus. per acre broadcast with the same amount of oats. Another good mixture recommended by leading county agents is ½ bu. each of Field Peas, State's Pride Oats, Barbless Barley and Progress Wheat.

Prices, by freight: ½ pk., 40c; pk., 75c; bu. (60 lbs.) \$2.85; 100 lbs., \$4.50; 500 lbs. at \$4.35. Sacks included.

**WHITE MARROWFAT.** See No. 340 page 29.

## DWARF ESSEX RAPE

Dwarf Essex Rape makes quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

**First.** In early spring, 5 to 10 pounds per acre.

**Second.** With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

**Third.** With corn just before the last cultivation.

A word about the seed. We handle only the best and purest Genuine Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort.

Prices, by freight: 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$6.00; 500 lbs. at \$5.75. Bags free.



# OLDS' WHEAT, FLAX AND SPELTZ

## NEW STURGEON WHEAT.

(Sow 90 to 120 pounds to the acre.)

A new wheat for Wisconsin which will outyield and produce a heavier percentage of flour yield than either Marquis or Progress. From the bread-making standpoint, Sturgeon is equal to any wheat offered today. Sturgeon wheat originated by a cross made between Progress and Marquis, and was developed at the Peninsula Branch Experiment Station at Sturgeon Bay under the direction of Professor Delwiche. Progress was used because of its resistance to stem rust and Marquis for its bread-making value. Several hundred crosses were made at Ashland and Sturgeon Bay Stations and thousands were selected and tested for their yields and finally tested for bread-making. With the exception of the new Sturgeon, all crosses were discarded because they did not fill the bill. According to results of five year's trials, Sturgeon is fully as good producing as Progress. Milling and baking tests for four consecutive years proved it to be a consistent good bread-making wheat equal to Marquis in that important character. The outstanding qualities of Sturgeon wheat are heavier yield, earlier maturity, and better baking. Sturgeon, on a five-year average, yielded eighteen and 75/100, Marquis fourteen and 98/100 and Progress sixteen and 95/100 bushel per acre. Sturgeon wheat is also resistant to stem rust the same as its parent, Progress. Order seed early. Seed stock limited. Prices: pk., \$1.00; bu., \$3.00; 10 bus. at \$2.95; 25 bus. at \$2.90.

## PROGRESS WHEAT (WISCONSIN PEDIGREE NO. 1611)

Progress is one of the best varieties of spring wheat for Wisconsin. The outstanding feature about it is that it does not rust. It is a bearded, hard red spring wheat, and is one of the highest yielders. It was developed at the Marshfield Branch Experiment Station in 1915, a selection from Early Java. The specific object in view was to get a wheat that would have a strong resistance to rust and this strain is outstanding in that respect. Its reputation is now fully established. Get started with Progress this year.

Prices: Registered—By freight: ½ pk., 55c; bu., \$1.65; 10 bus. at \$1.60; 25 bus. at \$1.55.

Certified: Bu., \$1.60; 10 bus. at \$1.55; 25 bus. at \$1.50.

Standard: Bu., \$1.55; 10 bus. at \$1.50; 25 bus. at \$1.45.

## MARQUIS WHEAT

Marquis is a hard, red spring wheat, grading No. 1 Northern, which brings the top price. The grains are short and thick and very plump, making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff, strong straw of good length. It ripens early, a little ahead of other spring varieties.

Prices: Fancy Northwest Grown—By freight: ½ pk., 35c; pk., 60c; bu., \$1.75; 10 bus. at \$1.65; 25 bus. or over at \$1.60.

## WISCONSIN PEDIGREE NO. 2 WINTER.

Hardest and best winter wheat. Write for prices in season.

## OLDS' FLAX SEED

**WILT RESISTANT.** Wilt-Resistant Flax, developed at the Minnesota Experiment Station, is proving a profitable crop for Wisconsin. The Minnesota Station Bulletin says: "Wilt-resistant and rust-resistant varieties are essential for successful flax production."

Prices—By freight: ½ pk., 50c; pk., 85c; bu., \$3.00; 10 bus. at \$2.90.

**COMMON FLAX.** Good, clean, bright seed at a low price. Prices: Pk., 80c; bu., \$2.90; 10 bus. at \$2.80.

"Enclosed please find check for small seed order and kindly send me another order blank as these seeds are only what I will plant in the house for early plants. We like your seeds very much. There are so many more seeds to a packet than most companies put out and they go farther, as I believe every seed planted comes up. Therefore, we found we must plant them thinner than most seeds. I used up the last of your tomato seeds last year which I had for three years and they were just as good as when we first got them. I kept them just to start plants indoors. The past two years we had a drouth here so didn't plant so much garden, but am planning on a larger garden this year and expect to give you a large garden seed order, so please don't forget the order blank."—Mrs. Frank R. Kuhn, Iowa.



New Sturgeon Wheat.

## OLDS' BUCKWHEAT

Sow buckwheat from June 10 to July 10, one bushel per acre.

**JAPANESE.** Large, of dark brown color. Higher in market than Silver Hull.

We have a splendid stock of buckwheat to offer this year and prices at this writing are very low as compared with other grain. They may be higher later. Write for prices when ready to buy.

Prices—By freight: ½ pk., 20c; pk., 35c; bu., (50 lbs.), \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

**SILVER HULL.** Silver Hull has a rather small grain, light gray in color, nearly round in shape. Earlier than Japanese according to the Wisconsin College of Agriculture.

Prices: ½ pk., 25c; pk., 40c; bu., \$1.10; 10 bus. at \$1.05; 25 bus., at \$1.00.

**COMMON.** Our Common Buckwheat is really Silver Hull with some Japanese mixed with it. It is clean and nice and lower in price than the others.

Prices: Pk., 35c; bu., \$1.00; 10 bus. at 95c; 25 bus. at 90c.



Sheaf of Emmer or Speltz.

## SPELTZ OR EMMER

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Note the following points.

**First.** It is perfectly hardy and can be grown anywhere.

**Second.** It yields more per acre than either oats or barley.

**Third.** It is adapted to dry regions. Withstands drouth.

**Fourth.** It stands up when oats and barley lodge.

**Fifth.** It makes a well balanced ground feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats.

Prices—By freight: ½ pk., 25c; pk., 40c; bu. (40 lbs.), \$1.10; 100 lbs., \$2.50; 500 lbs. at \$2.40.



# OLDS' SOY BEANS, VETCH AND SUNFLOWER



A Field of Soy Beans Being Cut For Hay.

**NOTE:** Soy Beans require good land the same as corn. Do not expect a large crop on poor soil. Be sure and inoculate your seed with either Nodogen or Nitragin whichever type you prefer. See pages 69 and 71.

## WHY GROW SOY BEANS?

**First.** They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.

**Second.** They contain as much fertility per acre as eight loads of stable manure.

**Third.** The mature beans ground into meal make wonderful high protein dairy feed.

**Fourth.** Soy Beans are more resistant to frost than corn and they also stand hot weather.

**Fifth.** They are adapted to nearly all soils and are especially valuable on sandy soils.

**Sixth.** They are the only legume crop that will grow on acid soils and build up the land.

**Seventh.** They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late. Prof. Mortimer places them first in the list of "Emergency Hay Crops."

## HOW TO PUT IN SOY BEANS.

While Soy Beans in Wisconsin are mostly put in for a hay crop, many farmers are planting with corn for silage. Mix the beans with the corn, planting both at the same time, using fully as many beans as kernels of corn or, better yet, as many pounds of beans as there are pounds of corn. Where the beans are sown alone by drill or seeder, which is the way they are largely put in, use two bushels of seed per acre but then even a little more than that is better. On old soils rowing and cultivating will make friends for the crop, putting in either with corn planter or with drill with part of the spouts closed. Handled this way there will be a great saving in the cost of the seed, as one bushel per acre is enough instead of two bushels. On new soils the solid planting is all right but on old soils weeds are apt to bother.

Do not plant too early. Never before corn planting time, or even later. Often as late as June 20th is all right. Shallow covering is best and above all, inoculate the seed before planting.

*"Had your seeds last year and had great success in spite of dry weather. Either vegetable or flowers—one is just as good as the other."*—Mrs. C. E. Kingsley, Minnesota.

## MANCHU SOY BEANS.

Manchu is the best known and most popular variety of Soy Beans in Wisconsin as well as in most other central west states. It is medium early in season, early enough to fully mature dry beans under ordinary conditions in southern Wisconsin and northern Illinois and large enough to be of real value. The dry beans mature in about 100 days. Nearly as early as Ito San and decidedly larger. Ito San is seldom called for now. Too small.

Prices, by freight:  $\frac{1}{2}$  pk., 25c; pk., 45c; bu. (60 lbs.), \$1.50; 100 lbs., \$2.35; 500 lbs. or over at \$2.30. Sacks free.

## ILLINI SOY BEANS.

Illini is a new variety developed at the Illinois Experiment Station from the old A. K. We sold last year nearly as many Illini as Manchu. It seems to grow a little taller than Manchu, giving a heavier yield while in season it is hardly any later. Some think it is even earlier. Just as desirable in every other way and we would say better for hay in Wisconsin than Manchu. Our stocks are very fine of both varieties.

Prices, by freight:  $\frac{1}{2}$  pk., 25c; pk., 45c; bu., \$1.50; 100 lbs., \$2.35; 500 lbs. at \$2.30.

## SAND VETCH OR WINTER VETCH.

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and  $\frac{1}{2}$  bushel grain per acre, oats or barley in the spring, rye in the fall. Makes splendid hay, also fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 35c. By freight: Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 100 lbs., \$14.25; 500 lbs., at \$14.00.

## MAMMOTH RUSSIAN SUNFLOWER.

A great feed for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station, reports that sunflower greatly outyielded corn for the tenth consecutive season, yielding 14.4 tons of silage per acre, corn only 4.22 tons.

Prices, by mail: Oz., 5c; lb., 25c; 3 lbs., 70c. By freight: 5 lbs., 90c; 10 lbs., \$1.60; 100 lbs., \$10.00; 500 lbs. at \$9.75. Sacks free.



# OLDS' SUDAN GRASS

Sudan Grass is proving a mighty valuable crop for Wisconsin. Last year many fields were planted with Sudan Grass as an emergency hay crop and it proved very satisfactory. No crop quite equals Sudan Grass for a late pasture and hay crop. Our sales of Sudan Grass have been steadily increasing each year.

Here are five reasons why Sudan Grass is of such great value:

**First—Yield.** It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of 2 to 4 tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

**Second—Quality.** It makes a better quality hay than millet. It makes wonderful hay grown with Soy Beans and helps to cure them.

**Third—Late Sowing.** It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 20th to June 20th, or even a little later. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot. Sow not less than 35 pounds of seed per acre and a drill is better than a seeder for putting it in.

**Fourth—Drouth Resistant.** It withstands long periods of drouth continuing to grow when most everything else is dried up.

**Fifth—Quack Killer.** It is valuable as a smother crop, especially for quack and Canada thistle.

In addition to all the above five good qualities and most important of all Sudan Grass can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay. It is also great for late pasture. Sown the last of May or first of June it is ready the middle of July when the blue grass pasture is dried up.

We recommend Sudan Grass most highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual, dying at the end of the season.

Prices, by freight: 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$5.00; 500 lbs. or over at \$4.75 per 100 lbs. Sacks included.

(Ask for Wisconsin Bulletin No. 359, "Emergency Hays and Pastures.")

**Note:**—Remember prices are subject to change after Feb. 15th. Present prices are low, they may be higher later in the season.

## OLDS' MILLETS

### GERMAN MILLET

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

Prices, by freight: 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$4.00; 500 lbs. at \$3.90.



## WHITE WONDER MILLET

### THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

**First.** It produces more tons of hay per acre than any other millet.

**Second.** In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

**Third.** White Wonder is earlier than either German or Common Millet and is well adapted to the north.

**Fourth.** It outyields any other millet as a seed crop. C. L. Newhouse, of Rock County, Wisconsin, threshed 75 bushels per acre.

Our stock is very fine—clean, plump and bright.

Prices, by freight: 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$4.00; 500 lbs. at \$3.90.

(One pound, any variety of millet, by mail, 25c; 3 lbs., 50c. By freight: 1 lb., 20c.)

**JAPANESE MILLET.** (Billion Dollar Grass.) A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre.

Prices: 5 lbs., 50c; 10 lbs., 85c; 100 lbs., \$4.25; 500 lbs. or over at \$4.15.

**COMMON MILLET.** A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Some farmers prefer it to German.

Prices: 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$4.00; 500 lbs. at \$3.90.

**HOG OR BROOM CORN MILLET.** Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices: 5 lbs., 40c; 10 lbs., 70c; 100 lbs., \$3.50; 500 lbs. at \$3.40.



Sudan Grass.



Japanese Millet.



# OLDS' REED CANARY, TIMOTHY AND RED TOP



A field of Reed Canary being cut for hay.

## REED CANARY GRASS

PLANT NOW. PRICES VERY LOW.

Reed Canary Grass is a very valuable new perennial hay and pasture crop especially desirable for low, marshy land. Nothing like it has been thus far produced as it puts land that is just a dead waste into production of valuable forage. Continues to grow without care or attention. Very highly recommended by the Wisconsin and Minnesota Experiment Stations.

**For Pasture** it lengthens the grazing season as it starts very early in the spring, and beginning before June 1st, will furnish an abundance of pasture throughout the entire season until late in the fall.

**For Hay.** It makes a heavy yield of good quality hay better than timothy and far superior to wild hay. Ordinarily two or more cuttings can be made in a season. As high as seven tons of hay per acre have been produced in one season.

**CULTURE.** Sow in early spring, alone or with grain, 4 to 6 pounds of seed per acre broadcast, or 2 to 3 pounds with drill. Late summer and late fall seeding are also recommended. It makes a permanent grass when once established. Ask for Reed Canary Grass Bulletin.

Prices, by mail: Lb., 55c; 5 lbs., \$2.50. By freight: 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$35.00; 500 lbs. at \$33.00.



Olds' High Grade Timothy Grows Long Heads.

## OLDS' TIMOTHY SEED

(Sow 10 to 15 pounds to the acre.)

Our Timothy Seed is the purest and best that can be obtained. It is all thoroughly recleaned and free from noxious weeds with high tests, most of it testing 99.6 per cent purity or better.

The Timothy crop this year was very good and our prices the lowest in many years.

Prices, Old Gold Brand, by freight: 1/2 pk., 40c; pk., 65c; bu. (45 lbs.), \$2.35; 100 lbs., \$5.00; 500 lbs. at \$4.75.

Lakes Brand: Bu., \$2.25; 100 lbs., \$4.75; 500 lbs. at \$4.50.

## TIMOTHY AND ALSIKE MIXED.

(1-5 Alsike): 1/2 pk., 60c; pk., \$1.10; bu., \$4.00; 100 lbs., \$8.50; 500 lbs. at \$8.35.

## OLDS' FANCY RED TOP

(Sow 6 to 8 pounds to the acre)

**RED TOP** is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. It not only succeeds on dry land but is also adapted to moist soils.

**Fancy Solid Seed.** (Recleaned, free from chaff.) By mail: Lb., 25c; 3 lbs., 70c. By freight: 5 lbs., 85c; 10 lbs., \$1.45; 100 lbs., \$11.50; 500 lbs. at \$11.00.

## OLDS' NEW PASTURE MIXTURE

This mixture is made up of Kentucky Blue Grass, Timothy, Red Top, Red Clover and Alsike, the percentages of the seeds used in the mixture running in the order named. Sow 30 pounds per acre for a good stand.

Prices, by mail: Lb., 30c; 5 lbs., \$1.05. By freight: 10 lbs., \$1.70; 100 lbs., \$14.00; 500 lbs. at \$13.75. Sacks included.

## PLANT AN ORCHARD

Now is the time to start an orchard. No farm is complete without one. Our trees are reasonable in price and the quality is guaranteed. See pages 64 to 67.



Olds' Fancy Red Top.



# OLDS' CANES AND LIGHT GRASSES

## OLDS' FANCY KENTUCKY BLUE GRASS



Bromus Inermis.



White Kaffir Corn.



Feterita, the Great Drouth-Resister.

Blue Grass is the foundation grass for all lawns, as well as for permanent pastures. Use plenty of seed. It pays to use the seed liberally.

Old Gold Brand (21 pound seed)—By mail: Lb., 35c. By freight: Lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$17.00.

Lakes Brand (19 pound seed): 10 lbs., \$1.90; 100 lbs., \$16.00.

**AMERICAN-GROWN RYE GRASS.** Much cheaper than the European-grown rye grass. May be used in lawn mixtures. Also good for pastures and meadows. By mail: Lb., 25c. By freight: Lb., 20c; 10 lbs., \$1.10; 100 lbs., \$8.00.

**BROME GRASS (Bromus Inermis.)** Yields enormous quantities of hay. Splendid for a permanent grass. By mail: Lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.30; 100 lbs., \$20.00; 500 lbs. at \$19.50.

**ORCHARD GRASS.** Withstands drouth and will grow in the shade. By mail: Lb., 35c; 3 lbs., 75c. By freight: Lb., 30c; 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$16.00; 500 lbs. at \$15.50.

**ASTORIA BENT GRASS.** Better for lawns than the old South German Mixed Bent or Creeping Bent because more easily cared for and less subject to brown patch. Desirable also for golf courses. The seed is State Sealed and Certified. Prices, by mail: Lb., \$1.15. By freight: 5 lbs., \$5.50; 10 lbs., \$10.50; 100 lbs., \$90.00.

**CHEWINGS' FESCUE.** A very fine pure strain of Fescue. Grows well on poor, dry soils. Spreads by roots under ground. Recommended for terraces. Grown in New Zealand. By mail: Lb., 80c. By freight: 5 lbs., \$3.75; 10 lbs., \$7.00; 100 lbs., \$65.00.

**ROUGH STALKED MEADOW.** Grows well in the shade. Recommended for shady lawns. By mail: Lb., 40c. By freight: 5 lbs., \$1.75; 10 lbs., \$3.00; 100 lbs., \$25.00.

### WHITE KAFFIR CORN.

Makes the best kind of fodder for cattle or horses. Seed splendid for poultry.

Fifteen pounds will seed an acre in rows, 50 pounds sown broadcast.

Prices by mail: Lb., 20c. By freight: 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$4.00; 500 lbs. at \$3.75. Sacks free.

### MILO MAIZE.

A variety of sorghum. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing  $\frac{3}{4}$  of a pound each. Plant same as Kaffir.

Prices: 100 lbs., \$4.00; 500 lbs. at \$3.75. Small lots, same as Kaffir.

### FETERITA

Similar to Kaffir but earlier. Outyields it and little affected by drouth.

Prices by mail: Lb., 20c. By freight: 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$4.00; 500 lbs. at \$3.75. Sacks free.

### WACONIA ORANGE CANE. (SORGHUM).

The Sorghum Cane Seed we offer this year is Northern grown, the Waconia strain, the same that we have handled in the past but it is Orange cane instead of Amber cane.

Waconia Orange Cane has been recently developed by selected breeding over a period of 4 or 5 years and it is a great improvement over the old strain of Amber cane. It has a stronger germinating seed, better withstanding unfavorable growing conditions, grows a much heavier but shorter stalk, withstands storms and wet weather without lodging and most important of all in running tests produces a better quality of syrup and more of it per acre. Sow 4 to 8 lbs. of seed to the acre for sorghum and 15 to 25 lbs. for fodder.

Prices by mail: Lb., 25c. By freight: 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$4.00; 500 lbs. at \$3.75. Sacks included.

### EARLY AMBER CANE

Does well in the North and makes a wonderful fodder crop, rich in sugar.

Prices, by freight: 5 lbs., 50c; 10 lbs., 85c; 100 lbs., \$4.25; 500 lbs. at \$4.00.



Early Amber Cane.

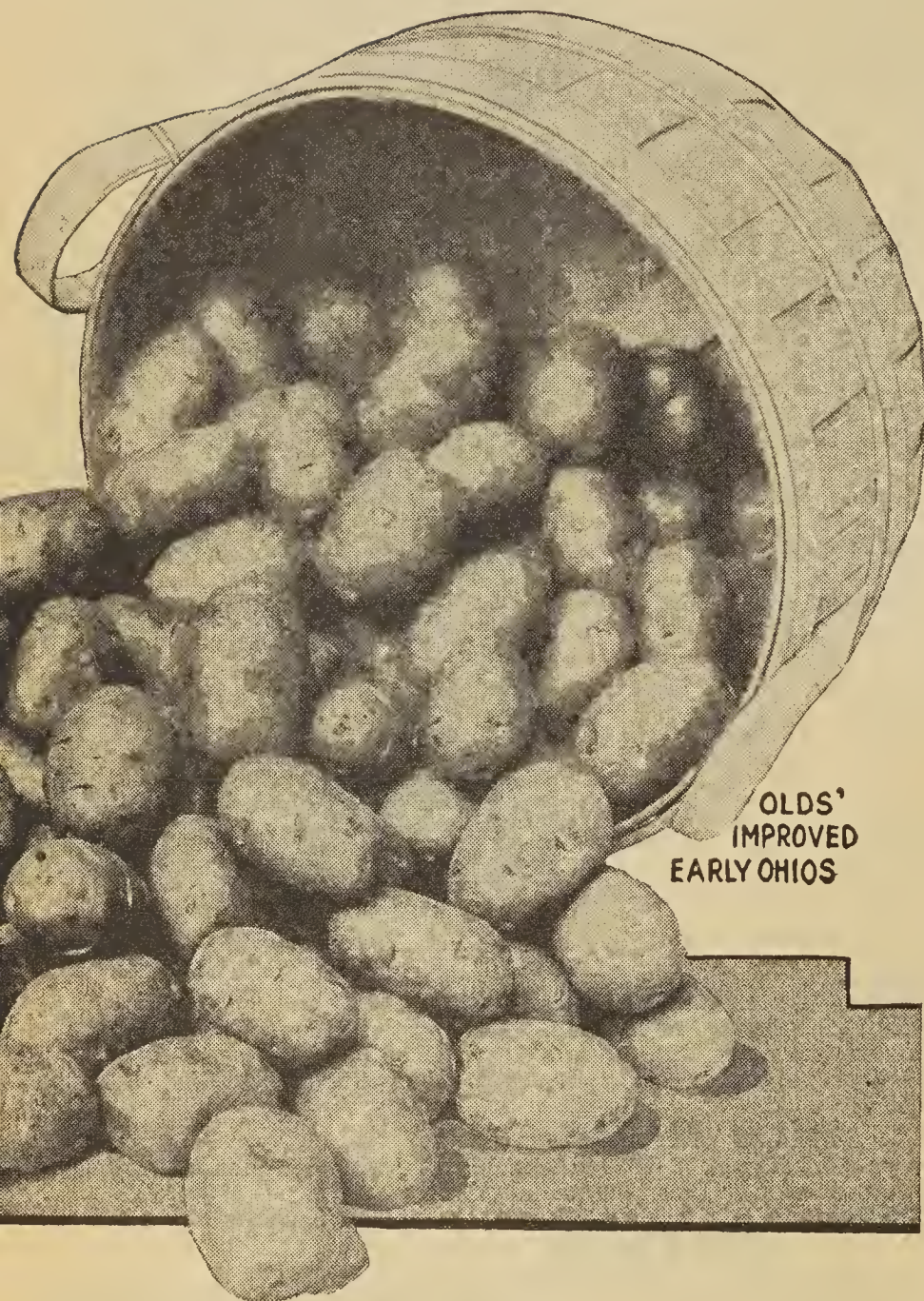


Field of Waconia Orange Cane Grown in the North.



# OLDS' SEED POTATOES

(Plant 8 to 12 bus. to the acre.)



OLDS'  
IMPROVED  
EARLY OHIOS

## RED RIVER IRISH COBBLER

Irish Cobbler seems to continue to increase in popularity. People like a white potato. It is famous now the country over. At first it was largely grown for the early market by the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States and it is a standard, well known variety now nearly everywhere.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Early Ohio. It usually outyields Early Ohio, although not quite as early.

The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

Prices, Certified Stock:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., \$1.50; 100 lbs., \$2.40; 10 bus. at \$2.35 per 100 lbs.; 25 bus. at \$2.30 per 100 lbs. Sacks free.

U. S. Grade No. 1 (Uncertified): Pk., 45c; bu., \$1.35; 100 lbs., \$2.15; 10 bus. or over at \$2.10 per 100 lbs.; 25 bus. at \$2.05 per 100 lbs. Sacks free.

Olds' Seed Potatoes have had a national reputation for years. We began with nothing but Seed Potatoes 49 years ago. Have made a specialty of them ever since. We always have choice stock and this year is no exception. In fact our stock is unusually fine this year. There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are mostly grown on contract specially for seed and from select stocks. This will be the year to plant because the other fellow will not plant owing to the price of potatoes. It is also the year to change your seed and get something better because you can do it at small expense.

**CERTIFIED STOCK.** Most of our potatoes are "State Certified." This means that they were inspected while growing in the field by an official state inspector and again in the bin after being dug and both times passed the necessary requirements. The stock must be free from mixture, free from late blight rot, black leg and powdery scab and conform reasonably to the correct vine and tuber characteristics of the variety. Official branded sacks and official tags are used for this Certified Stock.

**U. S. GOVERNMENT GRADE NO. 1.** We offer at lower prices, stock of most varieties that is uncertified, but that conforms to the requirements of U. S. Grade No. 1. That is, stock that is practically free from scab, blight, dry rot and damage caused by disease and graded to a minimum size of  $1\frac{1}{8}$  inches. The stock is all northern grown, coming from the same sections as the certified stock and practically pure. It is very desirable seed stock.

**SACKS FREE.** We ship our Seed Potatoes in 100-pound sacks and these sacks are the unit now.

**POTATO PRICES FOR 1936.** The prices named in this catalog are good until Feb. 15th only.

## IMPROVED RED RIVER EARLY OHIO

The well known dependable all-around early variety.

Early Ohio has long been the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. Everyone knows what it is, and knows that it can be relied on for an early market variety in almost every locality.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them.

We have both certified and uncertified stock of Red River Early Ohios. Both stocks are fine. The uncertified stock or U. S. No. 1 is practically pure and practically free from disease and is splendid seed stock; way ahead of ordinary Early Ohios.

### PRICES OF IMPROVED RED RIVER EARLY OHIOS.

Certified Stock:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., (60 lbs.) \$1.50; 100 lbs., \$2.40; 10 bus. (in 100-lb. sacks) at \$2.35 per 100 lbs.; 25 bus. at \$2.30 per 100 lbs. Sacks free.

U. S. Grade No. 1 (Uncertified):  $\frac{1}{2}$  pk., 25c; pk., 45c; bu., \$1.35; 100 lbs., \$2.15; 10 bus. (in 100-lb. sacks) at \$2.10 per 100 lbs.; 25 bus. at \$2.05 per 100 lbs.



Red River Irish Cobblers.



## WHITE GOLD

**THE EARLIEST WHITE POTATO GROWN.** 10 days earlier than Early Ohio or Irish Cobbler. White Gold potatoes were developed from potato seedlings by George Kremer of Itasca County, Minnesota. It took six years of selection before this potato was introduced or given a name. It has the size and shape of Green Mountain, though the eyes are shallow and it is of slightly netted appearance. In yield, it compares favorably with late varieties such as Rural New Yorker. The outstanding feature, however, is its earliness, for here is a white potato of good size and appearance, a good yielder and ten days earlier than other early varieties so far introduced. Be sure and plant some White Golds for your early potatoes this year. Stock is limited, so order early. Prices, White Gold, Minnesota Grown, U. S. Grade No. 1, 1/2 pk., 50c; pk., 75c; bu., \$2.00; 100 lbs., \$3.05; 10 bus. (in 100-lb. sacks) at \$3.00 per 100 lbs.; 25 bus. at \$2.95 per 100 lbs. Sacks free.

Postpaid prices. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 45c.



New White Gold Potatoes.



POTATO SEED-BALLS BY THE BUSHEL

## POTATO EYES

We furnish Potato Eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time.

### PRICES OF POTATO EYES, ALL VARIETIES:

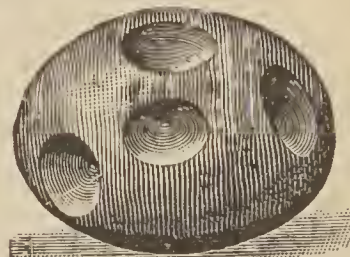
- 160 Eyes, (one box) one variety, your selection, \$1.00 by mail, postpaid.
- 160 Eyes, (one box) two varieties, your selection, \$1.10, postpaid.
- 160 Eyes, (one box) four varieties, \$1.20, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$2.50 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$2.75 by express, not prepaid.

(No orders accepted for less than 160 eyes.)

Eyes will be mailed at planting time or when weather permits.

### POTATO BALL SEED

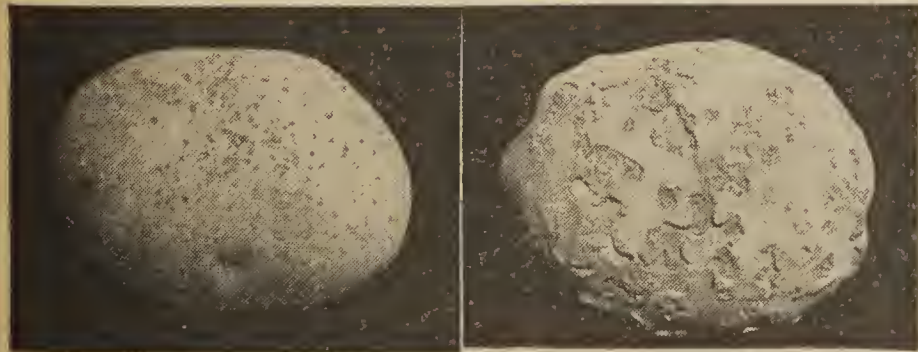
Hybridized potato seed from the balls. Every seed makes a distinct variety. Pkt., 15c; 2 pkts., 25c, postpaid.



## TREAT YOUR SEED WITH NEW IMPROVED SEMESAN BEL

### Easy Dip Treatment Costs Only 2c per Bushel

Fifty per cent of all seed potatoes planted in the United States carry disease in some form. This means decreased yields. Much of this loss can be prevented by treating seed before planting with New Improved Semesan Bel.



Rhizoctonia reduces the quality and yield of potatoes.

Scab pits potatoes and makes them unsalable.

Seed potato treatment will bring you more profit. New Improved Semesan Bel—the quick dip treatment—has cut treating costs to 1½c to 3c per bushel of seed and gives equal or better control of seed-borne Rhizoctonia and scab than the old soak treatments. It protects seed pieces against rotting, insuring maximum stands; gives more consistent increases in yield and consequently larger profits. It is easily and quickly applied. Just mix with water, dip your seed potatoes, drain, and plant. One pound of New Improved Semesan Bel treats 60-80 bushels.

Prices of Improved Semesan Bel: 4-oz. size, 50c; by mail, 55c; 1-lb. size, \$1.65; by mail, \$1.75; 5-lb. size, \$7.00; by mail, \$7.25; 25-lb. size, \$31.25.



Ask for folder, "New Improved Semesan Bel."

## ROOT CROPS

Root crops will save one-half the grain feed without reducing the milk yield. other concentrates cost about \$30.00 per ton.

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
MAMMOTH LONG RED MANGEL.....	\$3.00	\$6.75	\$24.00	\$23.00
DANISH SLUDSTRUP MANGEL.....	3.00	6.75	24.00	23.00
PURPLE TOP STRAP LEAF TURNIP.....	3.50	7.25	26.00	25.00
IMPROVED PURPLE TOP RUTABAGA.....	4.50	8.50	31.00	30.00

Cost only \$4 to \$5 per ton while



**OLDS' WHITE BEAUTY**  
Introduced in 1919



## OLDS' WHITE BEAUTY

**YIELD RECORD, 534 BUSHEL PER ACRE.**

Olds' White Beauty was introduced by us in 1919 as a heavy yielding, high quality, main crop variety. It has a distinct origin starting from a seed ball in 1911. It continues to be very popular with our customers and we always sell out all the stock we have at a premium over other varieties.

**Description.** Olds' White Beauty is just the type that is wanted for an all-around, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms. Season medium, a little earlier than Rural. While it resembles Rural it is better. It is slightly russet like the old Snowflake, indicating quality.

Olds' White Beauty was given an official yield record of 466 bushels per acre at the North Dakota Experiment Station. Now we have a report from one of our West Virginia customers, Mr. Fred J. Hefner, of a yield of 267 bushels from  $\frac{1}{2}$  acre or 534 bushels per acre.

The White Beauties we have to offer this year were grown for us in Sawyer County, northern Wisconsin, but our stock is very short.

The stock is all State Certified, being certified as **RURALS** as the State calls our White Beauty "a very desirable strain of Rurals."

### PRICES OF OLDS' WHITE BEAUTY:

Certified: Half pk., 30c; pk., 55c; bu., \$1.50; 100 lbs., \$2.40; 10 bus. at \$2.35 per 100 lbs.; 25 bus. at \$2.30 per 100 lbs. Sacks free.

*"Olds' seeds always give good results with a fair year for growth. Olds' seeds always for Clarks."*—Clark Bros., Illinois.

*"Was so well pleased with my seeds from you last year so am sending my order again this year."*—Mrs. Lyon, Illinois.

*"I sent for some aster seeds from you last year and they were beautiful in spite of the drought."*—Mabel F. Boling, Illinois.

*"Every one of your seeds I planted has come up it seems doublefold. My garden looks fine. Thanks to Olds."*—Mrs. M. Edge, Illinois.

## NEW LATE POTATO

### OLDS' NEW CHIPPEWA

Here is a new late potato just introduced by the U. S. Department of Agriculture which in trials has proven outstanding for the northern states. It is resistant to mild mosaic and a heavy yielder. The Grand Rapids Station reports a yield of 464 bushels to the test plot. Mr. R. L. Donovan of the Grand Rapids Station states that Chippewa will replace the old standard varieties and outyield them by a large margin. This year it won the sweepstakes at the Minnesota State Fair. We recommend it to Wisconsin potato growers as it is earlier than Green Mountain and other late potatoes and because it is a handsome potato and a heavy yielder. The skin is velvety white, has shallow eyes and is oblong in shape. This variety is described and pictured on page 4 of this book. Order your stock early as seed is very limited this season.

Price, U. S. Grade No. 1: Pk., \$1.10; bu., \$3.00; 100 lbs., \$4.75.

## IMPROVED RURAL NEW YORKER.

### MOST POPULAR MAIN CROP POTATO IN NEARLY ALL SECTIONS

Rural New Yorker is by far the most popular main crop variety in cultivation today. Its outstanding characteristics are its beautiful smooth white skin, its inconspicuous eyes and its great yielding qualities. It does the best of any variety as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other variety. It is easily grown, a good keeper and always yields well. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals, all northern Wisconsin grown, from Sawyer County and other northern counties. Ask for prices in large quantities and for new prices after February 15th.

### PRICES OF IMPROVED RURAL NEW YORKER:

Certified:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., \$1.50; 100 lbs., \$2.40; 10 bus. at \$2.35 per 100 lbs.; 25 bus. at \$2.30 per 100 lbs. Sacks included.

U. S. Grade No. 1 (Uncertified):  $\frac{1}{2}$  pk., 25c; pk., 45c; bu., \$1.35; 100 lbs., \$2.15; 10 bus. at \$2.10 per 100 lbs.; 25 bus. at \$2.05 per 100 lbs. Sacks free.



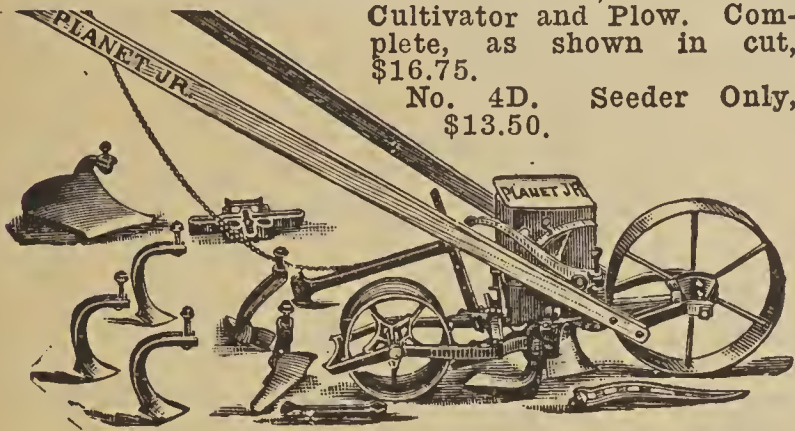
# Planet Jr. Garden Tools

The New Planet Jr. Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

## PLANET JR. NO. 4 COMBINED SEEDER.

No. 4 Combined Hill and Drill Seeder, Wheel Hoe Cultivator and Plow. Complete, as shown in cut, \$16.75.

No. 4D. Seeder Only, \$13.50.



## PLANET JR. NO. 12 DOUBLE AND SINGLE WHEEL HOE.

Recognized as the best combination double and single wheel hoe now in use. The assortment of attachments enables one to do plowing, running furrows, and general cultivating work.



### Equipment:

As shown in cut, one pair plows, four steel cultivator teeth, one pair 6 inch hoes. Price, \$10.25.

## PLANET JR. NO. 25 COMBINED SEEDER.

Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$21.00.

## PLANET JR. NO. 3 HILL AND DRILL SEEDER.

Plants in continuous rows or in hills 4, 6, 8, 12 and 24 inches apart. Holds 3 quarts. Price, \$16.50.

## PLANET JR. NO. 17 SINGLE WHEEL HOE.

Equipment: One large garden plow; three steel cultivator teeth, one pair of 6-inch hoes. Price, \$7.35.

## PLANET JR. NO. 17½ SINGLE WHEEL HOE.

Same as No. 17 without the garden plow. Price, \$6.40.

## PLANET JR. LAWN EDGER.

Edges either straight or curved walks. Price, postpaid, \$1.50.

## PLANET JR. NO. 220 FERTILIZER DISTRIBUTOR.

A very carefully built machine that distributes fertilizer accurately through adjustable spouts. Runs like a wheelbarrow. Price, \$15.00.

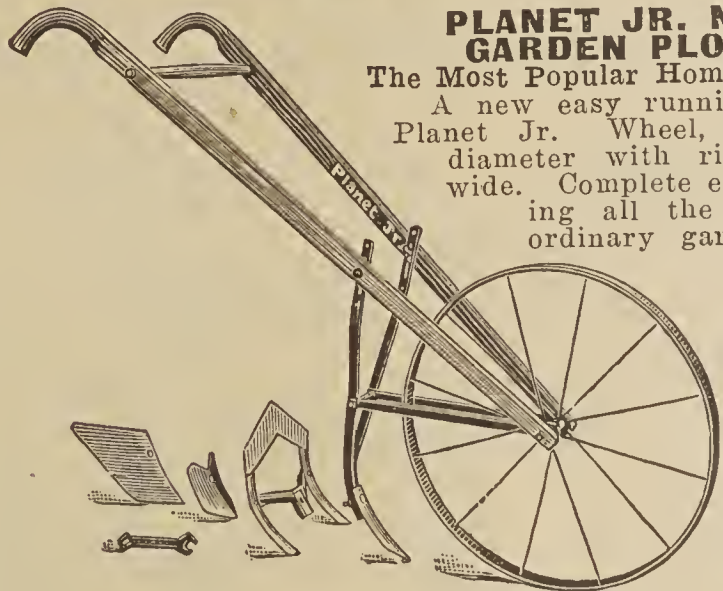
## PLANET JR. HORSE CULTIVATOR.

We have just three of these widely-known, 5-tooth cultivators which we are closing out at less than cost. Each, \$10.00; value, \$18.00.

## PLANET JR. NO. 119 GARDEN PLOW.

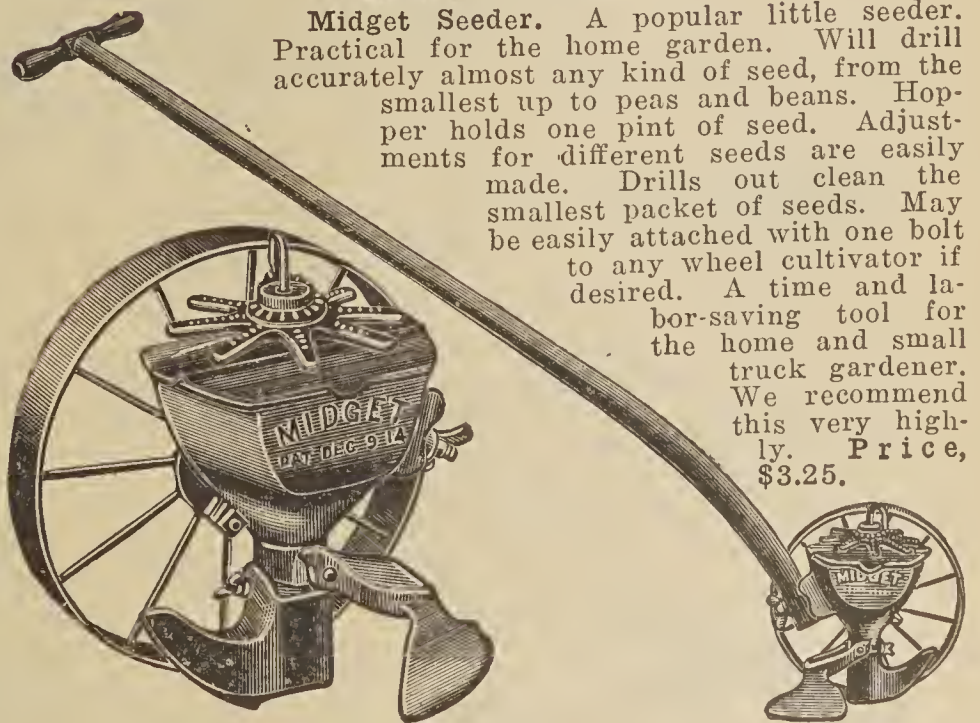
The Most Popular Home Garden Plow.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$3.75.



## MIDGET SEEDER.

Midget Seeder. A popular little seeder. Practical for the home garden. Will drill accurately almost any kind of seed, from the smallest up to peas and beans. Hopper holds one pint of seed. Adjustments for different seeds are easily made. Drills out clean the smallest packet of seeds. May be easily attached with one bolt to any wheel cultivator if desired. A time and labor-saving tool for the home and small truck gardener. We recommend this very highly. Price, \$3.25.



# BARKER WEEDER, MULCHER AND CULTIVATOR—3 TOOLS IN ONE

### PRICES REDUCED.

### GARDENING IS EASIER WITH A BARKER.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower.

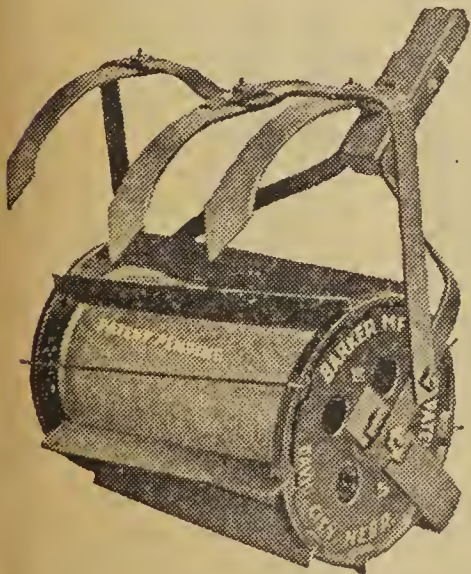
In market gardening labor is the chief item of expense. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes.

The Barker tools have been greatly improved by the addition of the new "Barker Filler Drum" to each machine. This prevents too deep cultivation and keeps sticks and stones out of the inside of the machine.

No. 6 Baby Barker Jr. 6-inch cut. For greenhouses and small gardens. \$4.15.

No. 8½-inch Barker Jr. 8½-inch cut. A favorite in the family garden. \$4.50.

No. 10 Barker Jr. 10-inch cut. Very popular size. \$5.00.



Barker, Showing the New Filler Drum.



## CYCLONE SEEDER.

The cyclone has a national reputation as a high-grade seed sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly and may be quickly adjusted for different seeds. Price: \$2.50; by mail, \$2.65.

## HORN SEEDER.

Horn Seed Sower. A sectional tube style. Fit together like a stove pipe. Has patented improved feed gauge. Sows all small seeds any desired amount per acre and you can depend upon the brass feed gauge. Each, 90c; by mail, \$1.00.





## "OUT-U-KUM" WEED PULLER.

A slight push and pull removes not only the weed but the entire root. Ridding a lawn of dandelions is just fun. Long handle.

Price, 75c; by mail, 85c.



### V-179 PRUNER.

One-piece carbon steel drop forged polished blades ground and set to cut clean. 9 inches. Each, 90c; by mail, \$1.00.



### R-10 PRUNER.

Tempered steel cutting blade, iron handles. 8 inches. Each, 50c; by mail, 60c.



**NURSEYMAN'S HOE,** \$1.05; by mail, \$1.20.



**HEAVY SPADING FORK.** A fork that will stand up under heavy work. True temper, \$1.50; by mail, \$1.70.

**BOYS' SPADING FORK.** Light. Best made. 90c; by mail, \$1.05.



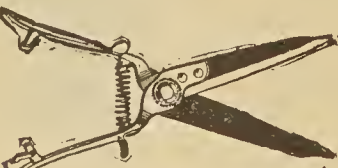
### TRANSPLANTING TROWEL.

6-inch blade, 15c each; by mail, 20c.



### ALUMINUM GARDEN TROWEL.

An all-around garden trowel. Each, 50c; by mail, 60c.



### GRASNIP SHEARS.

Price, 75c; by mail, 90c.

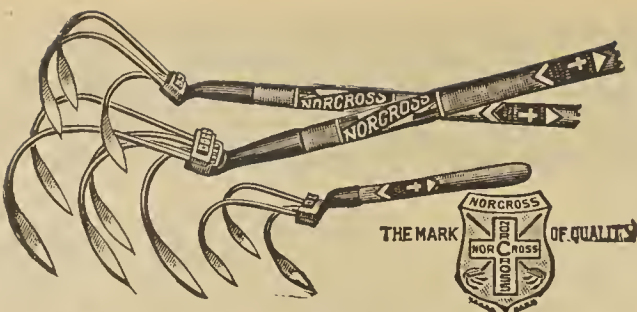


### LONG HANDLE PRUNING SHEARS.

Special heavy 26 inch. Price, \$2.50; by mail, \$2.75



**GRASS HOOK,** 50c; by mail, 60c.



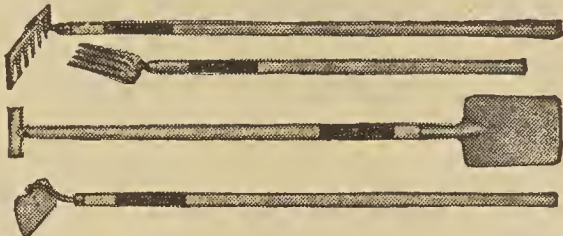
### NORCROSS CULTIVATOR HOE.

Every garden needs a Norcross, no matter what other hoes you may have.

5-prong, 4-foot handle, \$1.15; by mail, \$1.30.

3-prong, 4-foot handle, 90c; by mail, \$1.05.

"Midget," 9-inch handle, 50c; by mail, 60c.



### CHILDREN'S 4-PIECE GARDEN SET.

(For the boys and girls.)

The set, 75c; by mail, 90c.

### RIEFF LAWN EDGER AND WEEDER.

A fine, long handled tool for edging walks and weeding shrubbery. 52-inch handle. Special price, 85c.

### PAINTED POT AND GARDEN LABELS.

For marking varieties and labeling plants and bulbs.

		By mail	By express or freight
Painted Labels	3 1/2 x 1/2 ..	\$0.15	\$0.35
Painted Labels	4 x 5/8 ..	.15	.40
Painted Labels	6 x 5/8 ..	.20	.50
Painted Labels	10 x 5/8 ..	.25	.70
Painted Labels	10 x 7/8 ..	.35	1.05
Painted Labels	12 x 5/8 ..	.30	.95
Painted Labels	12 x 1 1/8 ..	.50	1.45
Painted Wired Labels	3 1/2 in.	.20	.50



### DANDELION DIGGER OR ASPARAGUS KNIFE.

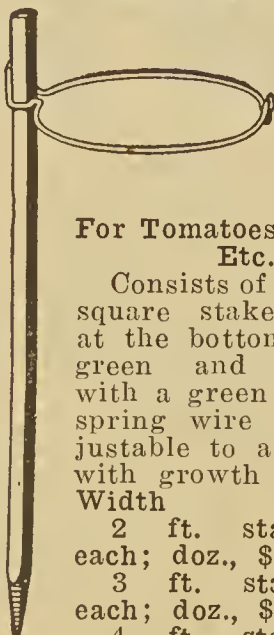
Tempered steel tool, octagon shank. 15 inches over all. Each, 35c; by mail, 50c.



### ALUMINUM DIBBLE.

All aluminum with a 4-inch point. A handy tool for setting bulbs and plants. Each, 60c; by mail, 75c.

### ADJUSTO PLANT SUPPORT.



For Tomatoes, Dahlias, Etc.

Consists of a 7/8-inch square stake, pointed at the bottom, stained green and equipped with a green enameled spring wire hoop, adjustable to any height with growth of plant.

2 ft. stake,	15c
each; doz.,	\$1.50.
3 ft. stake,	20c
each; doz.,	\$2.10.
4 ft. stake,	25c
each; doz.,	\$2.40.



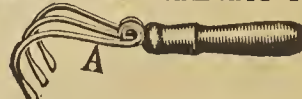
### WISS HEDGE SHEARS.

A heavy built hedge shears made of the finest material.

Will clip clean. 8-inch Blade, \$2.50; by mail, \$2.65.

Same as above only, with iron handles. \$2.75; by mail, \$3.00.

### MAGIC WEEDER HOE.



Style A. The handiest little all-around weeder to be had. 3 tines, 9 inches long. 20c; by mail, 25c.

### SAVO STEEL FLOWER BOXES

Made of copper bearing, rust-resisting steel and painted green. Water is applied through the water entrances at the corners and reaches the plants from below.

Model B. Length, 29 inches..... 3.50

Model C. Length, 35 inches..... 4.00

Model D. Length, 41 inches..... 4.50



### GRASWIP.

Cut your grass without stooping. Swings like a golf stick. Price, 90c; by mail, \$1.00.



### STEEL BOW GARDEN RAKE.

Finest rake made.

Price: \$1.10; by mail, \$1.25.



### LAWN RAKE.

24-Tooth, 95c; by mail, \$1.10.

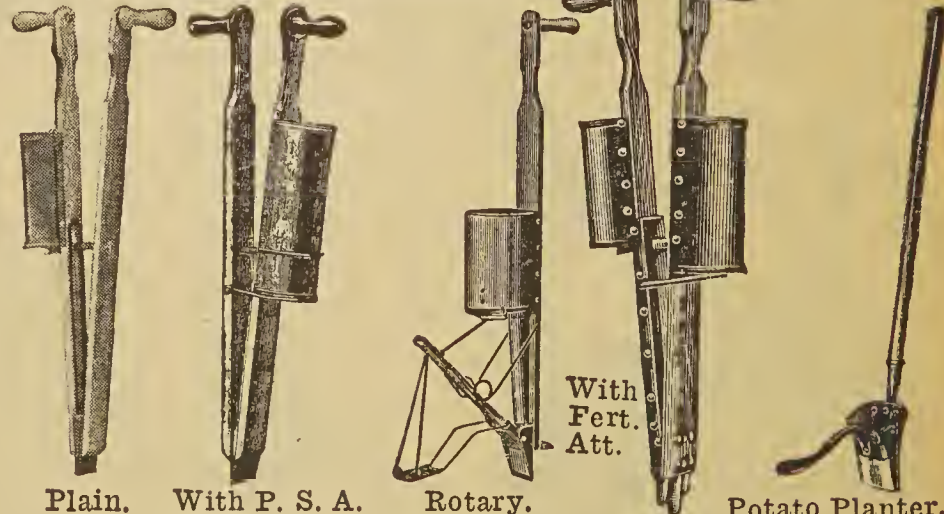
### NEW GREEN GROWING POTS.



Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots.

	By mail	By express or freight
	25	100
2 1/2-inch .....	\$0.35	\$0.85
3 -inch .....	.40	1.00
3 1/2-inch .....	.45	1.30
4 -inch .....	.55	1.45

### ACME HAND PLANTERS.



CORN Planter, Plain. Accurate.	\$1.30; by mail, \$1.40.
Corn Planter, with Pump. Seed Attach.	\$1.75; by mail, \$1.85.
Corn Planter, with Fert. Attachment.	\$2.60; by mail, \$2.75.
Corn Planter, Rotary. Automatic.	\$2.75; by mail, \$2.90.
Potato Planter. Stick planter.	\$1.25; by mail, \$1.40.





Hudson Barrel Sprayer.



Hudson Perfection Sprayer.



Hudson Economy Sprayer.



Hudson Climax Sprayer.

We consider the Hudson Sprayers the finest made. Heavy materials, fine workmanship, and the best designs are incorporated in all sprayers. Every pump has a spring steel cup expander. We have a complete stock of parts for all Hudson sprayers. Write for prices on any you need. Hudson Pressure Sprayers are now equipped with funnel top for easy filling and adjustable nozzle for aphids spraying.

#### HUDSON BARREL SPRAYER

A powerful, durable, easily handled barrel pump. Ample capacity for two leads of hose. Maintains working pressure of 200 pounds. Used for white-wash, disinfectants, and insecticides. Has 6-foot hose and 4-foot iron extension with ideal angle nozzle. Dasher type agitator operating with each stroke of the pump. Price, \$11.00.

#### HUDSON PERFECTION SPRAYER

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price, galvanized, \$6.25; copper, \$9.60.

#### HUDSON ECONOMY SPRAYER

Similar to the Hudson Perfection but smaller. Capacity, 3 3/4 gallons. Price, galvanized, \$5.00; copper, \$7.50.

#### HUDSON CLIMAX SPRAYER

Offers all essentials of a high pressure sprayer at minimum cost. Adapted to all classes of work the same as the Perfection. Holds 3 3/4 gallons. Price, galvanized, only \$3.75.



No. 700.



No. 365.

#### POTTERY BIRD BATHS

Absolutely weather and frost proof and very ornamental. Beautiful brown color, very artistic. Beautify your lawn with one of these bird baths.

Bird Bath No. 700. 24 inches high, 17 1/2 inches in diameter. A popular style. Price, only \$3.50.

Bird Bath No. 365. 27 inches high. Bowl and pedestal joined together with an iron pipe. Very ornate. Price, \$4.50.



#### INSECT-O-GUN

The latest thing in sprayers. No mixing or fussing. Just attach to your garden hose with the proper spray in the jar and pull the trigger. It has proven very popular where city water pressure is available. All that is necessary is to place the proper amount of spray material in the glass jar to make three gallons of spray, fill the jar with water, and screw back on the sprayer head. Price, each, \$3.25; by mail, \$3.50.

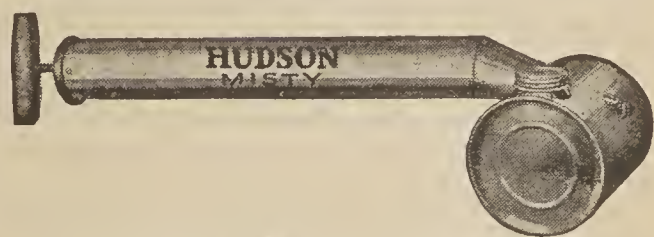


Lenox Sprayer.

#### LENOX SPRAYER.

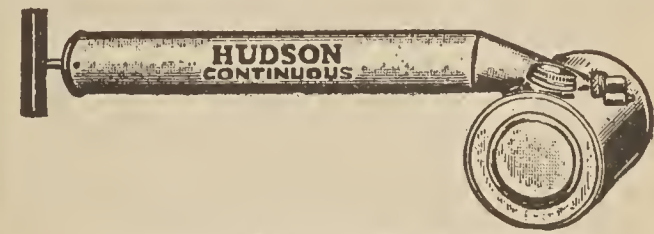
Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays.

Price (including a cake of tobacco soap), 75c, postpaid. Extra Bulbs, 35c each.



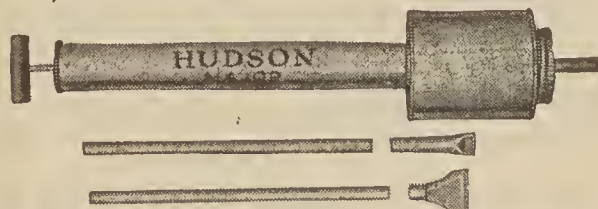
#### HUDSON MISTY SPRAYER

A universal favorite about the home, yard or poultry house. Note the sturdy construction. Holds one quart. Each, 50c; by mail, 60c.



#### HUDSON CONTINUOUS SPRAYER.

Produces a very finely divided continuous spray without spitting or streaming. Fitted with adjustable nozzle to spray ahead or up under the leaves for aphids. Holds a quart. Each, 75c; by mail, 90c.



#### HUDSON MAJOR DUSTER.

A very easily operated duster. Large filler cap. Break-up screen to prevent clogging. Reservoir 4x4 1/2 inches. Complete with two 12-inch extensions and two nozzles. One for force and one for volume. Handles any dry powder. Each, 90c; by mail, \$1.00.

#### HUDSON CADET DUSTER

Same as above but smaller with only one tube and nozzle. Each, 60c; by mail, 70c.



#### GLASS TANK SPRAYER.

One quart.

Price, 75c, postpaid.

#### BABY MIDGET SPRAYER

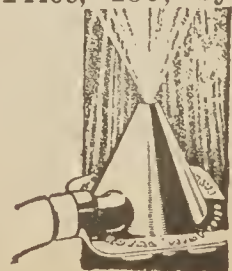
For the house and small garden. Capacity, 10 ozs. Price, 25c; by mail, 35c.

#### BANTAM SPRAYER

Holds about 1/4 pint. Price, 15c; by mail, 25c.

#### ROYAL MISTIFIER SPRINKLER.

Brings soft, steady, misty moisture without violence. Cannot get out of order and will last a lifetime. Price, 75c, postpaid.





# YOU FERTILIZERS AND PLANT FOODS CAN ACHIEVE RICH GARDEN BEAUTY!

You can grow beautiful lawns and flowers as pictured in this book. Disappointments are most often the result of half-starving or improperly feeding your plants.

Assure success by giving everything you grow a square meal of VIGORO.

VIGORO is different! It is a complete plant food that contains all of the elements plants must get from the soil instantly ready for the plant's use. Bone meal, manures, and sewage supply only one, two or at most three elements and these must first be released for use by decay, a process that's slow in spring when plants need food most.

VIGORO is economical to use. It costs little and goes far—four pounds properly feeds 100 square feet of lawn or garden area. We recommend VIGORO.

The picture of the government plant food experiment, reproduced on this page, (originally appeared in Technical Bulletin No. 340, Bureau of Plant Industry, U. S. Department of Agriculture), lets you see why you'll get such wonderful results from VIGORO. Grown in cultures, these plants show what happens when any one of the necessary elements is missing in the soil. Plant No. 6 fed all necessary elements. From each of others, one element, as noted, was omitted from the culture. This year use clean, odorless VIGORO and be sure your plants are properly nourished.

Prices: 100-lb. bag, \$4.00; 50-lb. bag, \$2.50; 25-lb. bag, \$1.50; 10-lb. pkg., 85c; by mail, \$1.10; 5-lb. pkg., 45c; by mail, 65c; 1-lb. pkg., 10c; by mail, 20c.

## VIGORO SPREADERS.

Vigoro Spreaders. Apply Vigoro or grass seed evenly and quickly. Made in three sizes.

Junior Spreader. 16-inch spreading width, 35-lb. capacity. Price, \$5.60.

Standard Spreader. 24-inch spreading width, 65-lb. capacity. Price, \$10.55.

Model "B" Spreader. Most popular size. Just right for the average home. Easy running, equipped with patent force feed and handle control shut-off, the same as all the larger sizes described above. 14-inch spreading width, 20-lb. capacity. Price, only \$2.50.



Vigoro Spreader.

## RED STEER FERTILIZER MAKES BETTER CROPS BECAUSE:



1. It's NON-ACID FORMING — m a d e right. It does not leave harmful acid residues in the soil nor change the pH in the root zone.

2. Contains added Calcium, Magnesium and other elements not included in

the usual plant food guarantee, but beneficial to crops.

3. Made from best materials, selected from their crop productiveness.

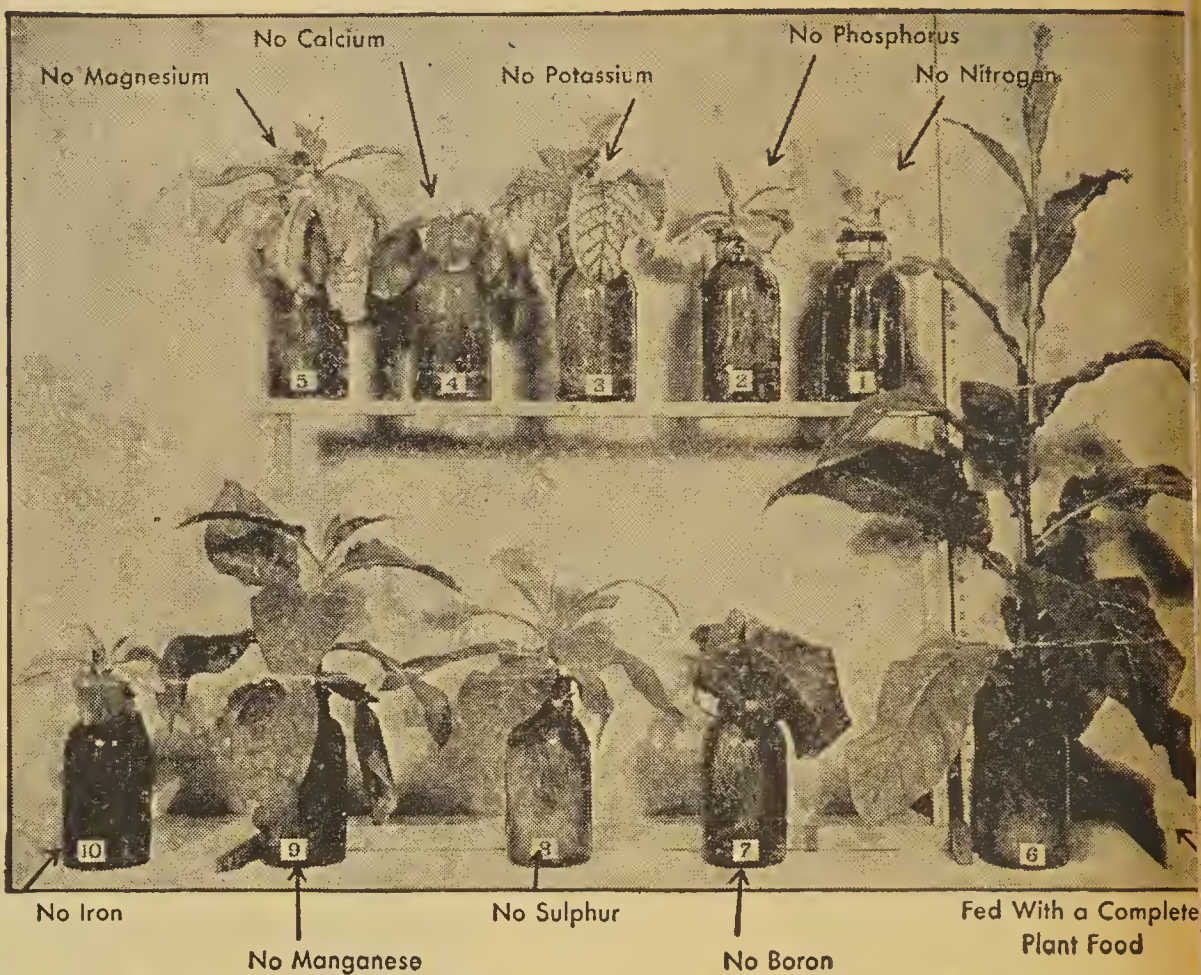
4. DOUBLE MIXED so that each teaspoonful contains a proportionate share of all of the elements in the analysis, permitting even distribution of plant food.

5. TRIPLE TESTED to assure uniform high quality. For large crop yields look for the Certificate of Quality which guarantees these plus values in every bag.

We carry a complete stock of Red Steer Fertilizer.

Prices and recommendations furnished on request. The following are some of the analyses in stock:

Nit.	A.P.A.	Pot.	Nit.	A.P.A.	Pot.
8	16	16	0	20	20
4	16	4	0	20	0
4	8	6	Sulphate of Ammonia		
2	12	6	Nitrate of Soda		



# VIGORO

The **SQUARE MEAL** that assures rich BEAUTY in Lawns and Flowers

## GERMAN PEAT MOSS

Fine Horticultural Grade.

More absorbent than a sponge. Breaks up a heavy clay soil and retains moisture in light, sandy soils. A soil conditioner and not a fertilizer. Ask for leaflet. Makes the finest mulch for plants and bulbs. Fine for rock gardens.

Carton (about 2 bu.), 65c; 1/4 bale, \$1.25; bale (about 22 bu.), \$2.75; 5 bales, \$2.60 per bale. Not postpaid.

Medium Grade.

For poultry litter. A labor-saving litter, requiring changing only twice a year.

A bale, when opened up, will measure about 22 bu. and will cover an area of 250 square feet an inch deep.

Bale, \$2.75; 5 bales, \$2.60 per bale.

## SUPREME LIMESTONE

An extra fine grade of lime to use on soil that is acid or sour.

25 lbs., 25c; sack (about 95 lbs.), 75c; 5 sacks, \$3.50; 2,000 lbs., \$11.50.

## SHEEP MANURE

Pulverized Sheep Manure is a natural, organic fertilizer for lawns, gardens, window boxes, plants, shrubs, trees. It is very effective and perfectly safe to use on the finest lawns and golf greens because all weed seed germination has been killed by the special Ardrier dehydrating process. Ideal for lawns, garden crops of all kinds, house plants and fruit trees. Contains humus which is ideal for sandy and clay soils.

Prices: 10-lb. bag, 45c; by mail, 65c; 25-lb. bag, by freight, 65c; 50-lb. bag, \$1.15; 100-lb. bag, \$2.00; 1,000 lbs., \$16.50; 2,000 lbs., \$32.00. (Ask for folder.)

## BONE MEAL

For roses, peonies, tulips, and other flowers that require a good supply of phosphorus.

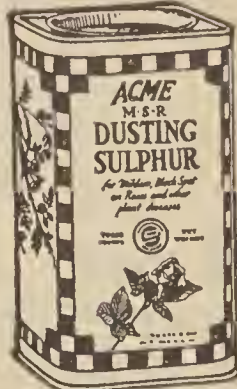
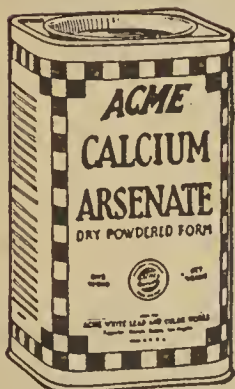
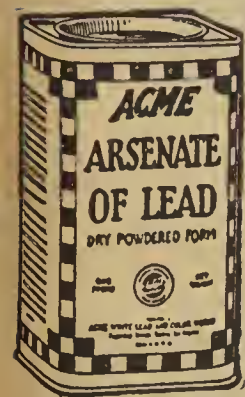
Prices: 100 lbs., \$2.50; 25 lbs., 90c; 10 lbs., 50c. Postage extra. See page 68 for postal rates.



# SPRAYING

# ACME

# MATERIALS



**NOTICE.** Unless otherwise noted, prices do not include postage. If wanted by mail send extra money for postage. See postage table, page 68. If postage is not included, goods will be shipped by express.

**DRY ARSENATE OF LEAD.** For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn the foliage. The dry form is superior to the paste, and used more and more in place of Paris Green.

Prices: 1/2 lb., 20c; 1 lb., 30c; 4 lbs., 70c; 24 lbs., \$4.00; 96 lbs. (in 4s), \$14.50.

**DRY CALCIUM ARSENATE.** Used in the same manner as Arsenate of Lead, but costs less and is still more effective. Recommended for potatoes. 1/2 lb., 15c; 1 lb., 25c; 4 lbs., 50c; 24 lbs., \$3.00; 96 lbs. (in 4s), \$10.00.

**ACME PARIS GREEN.** Perhaps more economical than other material because stronger. Still quite largely used.

Prices, best quality: 1/4 lb., 20c; 1 lb., 50c; 5 lbs., \$2.20; 14 lbs., \$4.75; 100 lbs., \$31.00.

**DRY BORDEAUX MIXTURE.** The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed.

Prices: Lb., 30c; 4 lbs., 65c; 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.50.

## SLUG SHOT.

Hammond's Slug Shot for currant worms, potato bugs, cabbage worms, etc. A fungicide as well as insecticide. A reliable remedy used for years the country over, and considered by many the safest, most effective, easiest to use and most economical general purpose insecticide-fungicide.

Prices: 1-lb. carton with sifter top, 30c; 5 lbs., \$1.15; 10 lbs., \$2.00, postpaid. Not postpaid, 25 lbs., \$4.00.

## NEW NON-POISON GARDEN GUARD.

A non-poisonous dust which is very effective against cabbage worm, squash and cucumber beetles and all chewing insects. Has a sifter top carton. Just shake the dust on the plants. Material is very light and you get more bulk in a one-pound package than in other types of dust.

Prices: 1 lb., 35c; by mail, 45c.

## SNAROL, THE NATIONAL PEST CONTROL.

Kills cutworms, grasshoppers, slugs.

A ready prepared meal that is simply broadcast on the ground. Pests eat it at night and are quickly destroyed. Not injurious to vegetation.

Prices: 1 1/2-lb. pkg., 45c; 4 lbs., 90c; 15 lbs., \$3.25, postpaid.

## ANTROL THE NATIONAL ANT CONTROL.

Quickly destroys ants. Composed of containers with a special syrup.

Easy to use, economical, effective. Proved in over a million homes. Safe around children and pets.

Prices: Antrol Set, containing 4 containers and 4-oz. bottle of syrup, 60c. Extra Containers, 12c each. Antrol Syrup: 4 oz., 45c; pint, 90c; gallon, \$3.70, postpaid.

## ANTROL READY-FILLED SETS.

Set includes four containers with proper amount of syrup. Just place them near the ant hills or runs. Price, per set, 40c; by mail, 55c. Single trial container, 15c, postpaid.



**DRY LIME-SULFUR.** For San Jose scale and common spray. Just as effective as the lime sulphur solution and more easily handled. 1 lb., 35c; 5 lbs., \$1.45; 10 lbs., \$2.35; 25 lbs., \$4.00; 200 lbs. (in 12 1/2s), \$22.50.

**ALL ROUND SPRAY.** A combination, "one shot" spray. Contains Nicotine Sulphate, for sucking insects, Arsenate of Lead, for chewing insects and Bordeaux Mixture, for fungous diseases. 1/4-lb. size, 35c; 1 lb., 80c.

**GARDEN GUARD (Poisonous).** "Guards Your Garden." An all-around garden insecticide. No sprayer needed. Just sift it on the foliage. 5-lb. bag, 70c.

**DUSTING SULPHUR.** For controlling mildew, black spot and leaf spot on roses and other flowers and red spider on evergreens. Recommended by Experiment Stations. 3-lb. carton, 40c; by mail, 60c.

## HAMMOND'S GRAPE AND ROSE DUST.

For black spot on roses, powdery mildew on grapes and flowers, blights, etc. For all gardens. Famous for half a century.

1-lb. perforated canister, 35c; 5 lbs., \$1.50, postpaid.

## ANT GAS KILLS ANTS QUICKLY.

Simply apply Ant Gas to the ant hill and all ants die immediately. No bother, no waiting, no poisons needed. Ant Gas is a liquid which forms a gas heavier than air and when applied to the ant hill penetrates all of the galleries of the ant house, immediately killing all ants. Effective against Ground Moles. Price: 1/2-pint can, 50c, postpaid.

## ACME APHIS SPRAY.

An improved nicotine spray combining a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphids (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water.

12-oz. size 70c, postpaid.

## ACME ANT-KILL

Rids the home and premises of the ant nuisance by killing the whole colony in the nest. Similar to Antrol, only the containers are flat so a mower can pass over them in the lawn.

Cottage Set, 60c; Ant-Kill Syrup, 2-oz. size, 20c; 3-oz. size, 25c, postpaid.

## BONIDE CRO-TOX.

For the protection of seed corn against crows. Also effective against gophers and blackbirds. It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs less than 10 cents per acre.

It also hastens germination and helps to prevent seed rot.

Money refunded if not satisfactory.

Prices: 1/2-pt. can, treats one bushel, 60c; by mail, 70c. Pint can, treats two bushels, \$1.00; by mail, \$1.10. Quart can, treats four bushels, \$1.50; by mail, \$1.65.

**PYROX.** A powerful fungicide. For potatoes, fruit and garden crops. No trouble to mix—just add water and spray. Will not spoil if not used right away.

Lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.25, postpaid. Not postpaid, 25 lbs., \$5.00.

## CED-O-FLORA.

A reliable spray for flowering plants. Quickly destroys aphids and other plant pests. Use it on your house plants and outdoor plants.

Sweet smelling and pleasant to use.

Prices: 3-oz. size, 25c; 8-oz. size, 50c, postpaid.





## NON-POISONOUS ROTECIDE SPRAY.

**ROTECIDE.** The doubly effective (contact and stomach poison) Rotenone insect spray kills red spiders, cyclamen mites, mealy bugs, cabbage worms, beetles, thrips, aphids (plant lice) and various other insects unusually difficult to control. Rotecide is non-poisonous to birds, animals or humans. Positively will not burn or discolor the most tender foliage. This is a complete spray, simply add water.

1-oz. bottle, 35c; 8-oz. bottle, \$1.00; pt. can, \$1.75; qt. can, \$3.00; gal. can, \$8.00, postpaid.

**ROTECIDE DUST.** (75). The standard Rotenone dust. Non-poisonous and more effective for insect control. Kills by contact and through the stomach. In our trials last year, it proved very satisfactory and we recommend it.

Prices: 5 lbs., \$1.00; 25 lbs., \$4.25; 50 lbs., \$7.50. Postage extra.

## NEW EVER GREEN SPRAY

Kill garden insects—new, easy way. New Ever Green Spray is the only spray 95% of gardeners ever need. No complicated instructions. Simply mix with water and spray. Harmless to plants, men and animals. Pyrethrin content deadly to both chewing and sucking insects. Economical.

One ounce makes 6 gallons of spray.

### POSTPAID PRICES:

1-oz. size, 35c; 6-oz. size, \$1.00; 16-oz. size, \$2.00; 1-gal. size, \$11.00.

## RED ARROW SPRAY. Pyrethrum in Perfected Form.

Red Arrow is a combination of a highly concentrated extract obtained from certain varieties of Pyrethrum flowers and a neutral coconut oil soap. Very effective. Red Arrow kills all garden pests, plant lice, red spiders, mealy bugs, etc. Absolutely non-poisonous and therefore harmless to human beings, domestic pets and birds. Easily applied. Simply mix with water. No soap needed.

Postpaid Prices: 1-oz. bottle, 25c; 1/4-pint can, \$1.00; 1/2-pint can, \$1.75; 1-pint can, \$3.25.



## FORMALDEHYDE.

For preventing smut in grain, scab on potatoes.

1 lb., (treats 40 bus.) 40c; by mail, 50c; 5 lbs., \$1.75, postpaid.

## CHEMICAL WEED KILLER.

**SODIUM CHLORATE.** For weed eradication. Present price (subject to change), \$9.00 per 100-lb. drum. Write for prices later.

**CALCIUM CHLORATE.** Less dangerous to handle than Sodium Chlorate and so more desirable. Present price, \$9.50 per 100-lb. drum.

"43"

## FOR THE TREE.

Forms a n elastic, water-proof coat, keeping out water, air, infestation and decay.

Use Plastic "43" for cavities and use Carbolinum, see page 96, for repairing surface wounds and brushing over sawed-off limbs.

Postpaid prices: Pint, 50c; quart, 90c; 1/2 gal., \$1.65.

## "HUMANE" DEHORNING PENCIL.

The value of a calf is greatly increased by dehorning. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work. Does not injure the calf and is entirely painless. Each pencil will dehorn from 15 to 20 calves. Satisfaction guaranteed. Price, 60c per pencil; 3 for \$1.50, postpaid.



## SHEPS PLANT SPRAY

Get rid of destructive insects. Use Sheps Plant Spray. Kills and controls most sucking and chewing insects, but absolutely harmless to humans, birds, animals and pets. Will not burn delicate leaves or flowers. Pleasant to use. More economical. No soap sud solution needed. Simply mix with water.

### PRICES POSTPAID

1 1/2-oz. Bottle (Makes 3 gals. Spray Sol.)	.....	\$ .25
8-oz. Can ( " 16 " " " )	.....	.75
Pint " ( " 32 " " " )	.....	1.50
Quart " ( " 64 " " " )	.....	2.25

Bulk Prices On Request



## BLACK LEAF 40.

Friend of growers and poultry people.

40% nicotine. The world's leading contact insecticide and poultry delouser. Always dependable. "A little goes a long way."

Kills aphids, thrips, leaf hoppers and other insects on garden, farm and orchard crops by contact and fumes—an advantage not possessed by non-volatile, non-poisonous spray materials.

Prices: 1-oz. size, 35c, by mail, 40c; 5-oz. size, \$1.00, by mail, \$1.10; 1 lb., \$2.25, by mail, \$2.35; 2 lbs., \$3.25, by mail, \$3.40; 5 lbs., \$5.85, by mail, \$6.00; 10 lbs., \$9.85, by mail, \$10.10.



## RAT-SCENT.

A poisonous grain that is sure death to rats and mice. Harmless to chickens. No bait to mix. Lasts indefinitely and never gets mouldy or wormy. We recommend this very emphatically.

Prices: 35c, by mail, 40c; large size, 50c, by mail, 55c.

**RAT CORN.** The old reliable rat and mice exterminator. It mummifies them. They simply dry up. Positively no smell. Harmless to human beings and livestock.

Prices: 25c, 50c, and \$1.00. By mail, 30c, 55c, and \$1.05.

Keeps dogs, cats and other animals away from trees, evergreens, roses, shrubbery, etc. One large tube lasts a year.



Large tube, 30c; small size, 15c, postpaid.

**DOGZIX.** Protects shrubs, evergreens and plants from dog annoyance. In liquid form ready for instant use. Simply spray on lower branches and soil. Harmless to pets and plants. Dogs are animals of habits. Correct their habits with Dogzix. 3-oz. bottle treats fifty trees.

Price: 50c; by mail, 60c.

## Dirt-Proof, Washable GARDEN GLOVES



ALL LEATHER and DURABLE yet SOFT AS KID and EASY TO WEAR

—for Women

EEZY Wear gives you everything you've been wanting in a garden glove:

All-leather protection from dirt, scratches, stains, infection—yet permit almost BAREHAND FREEDOM. Their amazing softness and pliability is the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, yard, painting, furnace, garage, etc.

Sizes for women (small, medium, large.)

Price, 75c a pair, postpaid; 2 pair, \$1.40.



# POULTRY SUPPLIES



**ACME**  
**NICOTINE**  
**POULTRY**  
**DELOUSER**  
A PROVEN PRODUCT

## Paint the Perches

Nothing you can do for your flock will pay greater dividends. **Patented Formula**  
**Spreads Farther**  
**Lasts Longer**

This new patented formula will spread farther than the old types of delouser and will last on the roost from a week to ten days. This feature is important as it kills the newly hatched lice.

Apply in the fall or by all means before brooding time in the spring. One pint treats 300 to 400 running feet of perches or 450 to 600 chickens. Price: 2-oz. tubes, 35c each; 5-oz. tubes, 85c each; pints, \$2.00 each; quarts, \$3.00 each; gallons, \$8.50 each, postpaid.

## CONKEY'S REMEDIES

Old Reliable Powder. (Formerly Roup Remedy.) The old standby. 25c, 50c and \$1.00, postpaid.

Balmo. (Canker Special.) 50c; 55c, postpaid.

Head Lice Ointment. 10c, 25c; 15c, 30c, postpaid.

Poultry Worm Powder. 25c and 50c; 30c and 60c, postpaid; 5 lbs., \$2.75; by mail, \$3.00.

Mite Liquid. Qt., 60c; 2 qts., 90c, postpaid.

Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 65c; 7 lbs., \$1.00; by mail, \$1.25.

Stock Tonic. 5 lbs., \$1.00; by mail, \$1.20.

Lice Powder. 15 ozs., 35c; by mail, 45c; 48 ozs., 75c; by mail, 90c.

Noxicide. A powerful disinfectant. Pt., 40c, postpaid.

Y. O. Yeast with cod-liver oil.

Prices: 1 lb., 50c; by mail, 60c; 2 lbs., 90c; by mail, \$1.05; 5 lbs., \$1.60; by mail, \$1.85.

## PRATT'S REMEDIES

### PRATT'S NEW SPLIT ACTION WORM PILLS.

Easier on the birds than the old type pills and will control large round, tape, and pin worms. The split action pill releases two separate drugs hours apart so that one drug does not counteract the other. Backed by the U. S. Food and Drug Administration who recently condemned ordinary Nicotine Kamala Capsules.

Prices, adult fowls: 50 tablets, 85c; 100 tablets, \$1.50; 500 tablets, \$5.50; 1,000 tablets, \$10.00, postpaid. For chicks and small pullets, 50 tablets, 55c; 100 tablets, \$1.00; 500 tablets, \$3.75, postpaid.

Pratt's Chick Tablets. (Formerly White Diarrhea Remedy.) 25c and 50c, postpaid.

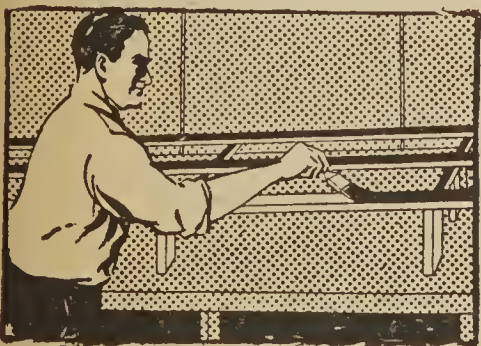
Poultry and Stock Disinfectant. Kills germs. Pint, 40c; qt., 60c; 2 qts., \$1.00; gal., \$1.60, postpaid.

Red Mite Special. Qt., 60c; 2 qts., \$1.00; gal., \$1.60.

Powdered Lice Killer—2½ lbs., 50c; by mail, 60c.

Pratt's Poultry Worm Powder. 50c and \$1.00; by mail, 60c and \$1.15.

### "PAINT" THE ROOSTS WITH "BLACK LEAF 40"



Kills poultry lice. Just paint it on the roosts. Eliminates individual handling of birds. Very effective and largely used.

Prices: 1-oz. size, 35c; by mail, 40c; 5-oz. size, \$1.00; by mail, \$1.10; 1 lb., \$2.25; by mail, \$2.35; 2 lbs., \$3.15; by mail, \$3.40; 5 lbs., \$5.85; by mail, \$6.00; 10 lbs., \$9.85; by mail, \$10.10.

### POULTRY LITTER PEAT MOSS.

Medium Grade.

A labor-saving litter, requiring changing only twice a year. Used moss makes ideal fertilizer.

A bale, when opened up, will measure about 22 bus. and will cover an area of 250 square feet an inch deep.

Bale (22 bus.), \$2.75; 5 bales, \$2.60 per bale. (Ask for folder, "The Ideal Poultry Litter.")

### SELF-LOCKING EGG CARTONS.

For marketing eggs.

12, 20c; by mail, 25c; 100, \$1.50; 1,000, \$13.00.



**WAFER THERMOSTATS.**  
For any incubator or brooder. Accurate and durable.

3-inch, Single Unit, 25c postpaid.

3-inch, Double Unit, 30c, postpaid.



### ALUMINUM LEG BANDS

No. 1 Plain (Adjustable). Numbered from 1 to 5,000. 25, 30c; 100, 85c, postpaid.

**COLORLED CELLULOID SPIRALET LEG BANDS**



### SPIRALET LEG BANDS.

Colors: blue, red, yellow, black and green. Mention the colors preferred. Three sizes: Asiatic, American, Leghorn; 12, 15c; 25, 30c; 100, 85c, postpaid.

### SPIRALET NUMBER CLIPS.

Aluminum with large embossed figures. Easily and quickly put on the spiralets. Will stay on. Two sizes. Prices, either size, 25, 25c; 100, 75c, postpaid.

### BANDETTES.

A new style of celluloid leg band numbered consecutively. 5 colors—blue, red, yellow, green and pink. 3 sizes—Asiatic, American, Leghorn. Box of 25, 65c; 4 boxes, \$2.00, postpaid. (Name size and color wanted.)



### FLEX-O-GLASS.

Costs only 1/10 as much as glass and is proving a very satisfactory substitute. 36 inches wide.

LOOK FOR THIS NAME  
"FLEX-O-GLASS"—printed on  
every yard for Your Protection.  
2 YEARS' SERVICE  
GUARANTEED



for POULTRY HOUSES,  
HOT BEDS,  
PORCHES,  
BARN WINDOWS

**FLEX-O-GLASS**

PROVED BEST BY TEST ~ ASK YOUR NEIGHBOR

Prices: One square yard, by mail, 35c; 5 square yards, \$1.35; by mail, \$1.50; 10 yards, \$2.35; by mail, \$2.60. 50 yards at 22c, not prepaid.

## POULTRY FEEDS

Prices do not include postage.

### OLD GOLD POULTRY FOOD.

Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, sunflower, barley and buckwheat. No grit.

Prices: 10-lb. sack, 25c; 100-lb. sack, \$2.10; 3 sacks at \$2.05.

### OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks from 4 to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc. No grit.

Prices: 10-lb. sack, 25c; 100-lb. sack, \$2.15; 3 sacks at \$2.10.

(Prices subject to change. Ask for "Weekly Price List.")

### SWIFT'S MEAT SCRAPS.

Prices: 10 lbs., 35c; 25 lbs., 70c; 50 lbs., \$1.30; 100-lb. sack, \$2.25.

### ALFALFA MEAL.

To use with mashes. Fine or medium.

Prices (reduced): 10 lbs., 25c; 100-lb. sack, \$1.35; 3 sacks at \$1.30.

### PEARL GRIT.

The best grit. Almost pure calcium and this is what the hen needs to do her best work in turning out eggs.

Prices (either chick size or poultry size): 25-lb. sack, 30c; 100-lb. sack, 90c; 3 sacks at 85c.

### FOS-FOR-US MINERAL GRIT.

Makes hard-shelled eggs and big-boned chicks. Takes the place of bonemeal, oyster shells and ordinary grit.

Prices: Fos-For-Us Grit, either chick or poultry size: 10 lbs., 25c; 100-lb. sack, 90c; 3 sacks at 85c. Fos-For-Us Grit Meal: 10 lbs., 25c; 100-lb. sack, \$1.05; 3 sacks at \$1.00.

### OYSTER SHELLS.

Pilot brand. The well-known brand. Cleaner and better than any other. 100-lb. sack, 85c; 3 for 80c.

### CHARCOAL.

Fine or coarse. 10 lbs., 25c; 50 lbs., \$1.05; 100 lbs., \$1.85.



# For Chick Diarrhea Colds in Poultry

## We Recommend AVICOL

# Quickly Stopped

## Wheezing, Rattling, Choking Trouble Conquered in 48 Hours



ly. Avicol is a special bowel astringent, and helps the chick withstand infection.

Easy to give. Simply drop an Avicol tablet in the drinking water. The chickens doctor themselves.

Price, 50c; by mail, 55c; large size (two and one-half times 50c size), \$1.00; by mail, \$1.10. Guaranteed.

# DON SUNG

## Tonic For LAYING HENS

Don Sung is a concentrated medicine—no bulk or filler—ready to add to the mash-feed. It has a direct tonic action and doesn't force or hurt the hen in any way. It does its wonderful work by putting the hen in good health, and helping maintain that health.

Prices of Don Sung Tablets: Small size, 50c, postpaid; large size (3 times 50c size), \$1.00, postpaid; special size (6 times \$1.00 size), \$5.00, postpaid.



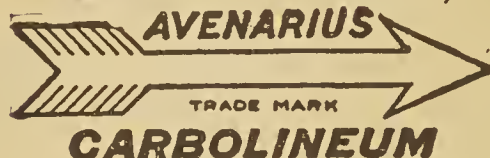
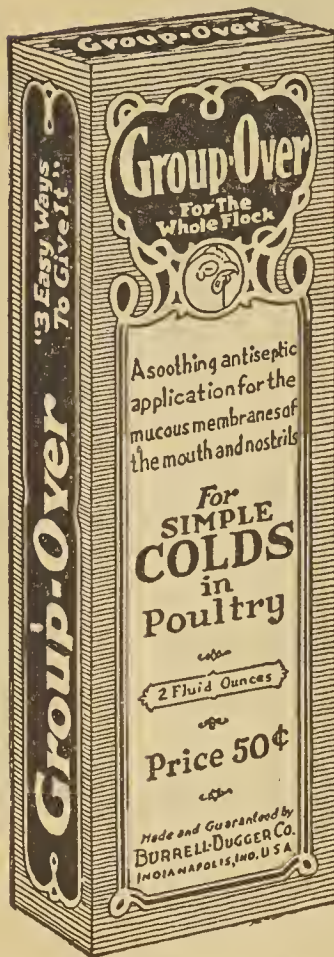
## BLACK LEAF WORM POWDER.

A new "one-shot" control of round worms. Fed in mash without the necessity of handling the birds.

Prices: 4-oz. size (100 birds), 75c; 1½-lb. size (600 birds), \$2.90; 3-lb. size (1,200 birds), \$5.60, postpaid.

## "GOLD LEAF" TOBACCO POWDER.

Controls round worms. 2 lbs., 25c; by mail, 35c; 10 lbs., 65c; by mail, 85c; 100 lbs., \$4.25.



Carbolineum kills chicken mites or fowl ticks in poultry houses. Applied once a year, by brush or sprayer, guaranteed to exterminate the mites or ticks and keep them away a whole year. Money refunded if it fails to do it.

Carbolineum is also very valuable as a wood preservative and stain. Used to preserve roofs, fence posts, and repairing of tree wounds.

Prices: 1 gal., \$1.50; 5 gals., \$7.00; 10 gals., \$12.50, postpaid.

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Madison, Wisconsin

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**IF OUT OF VARIETY ORDERED MAY WE  
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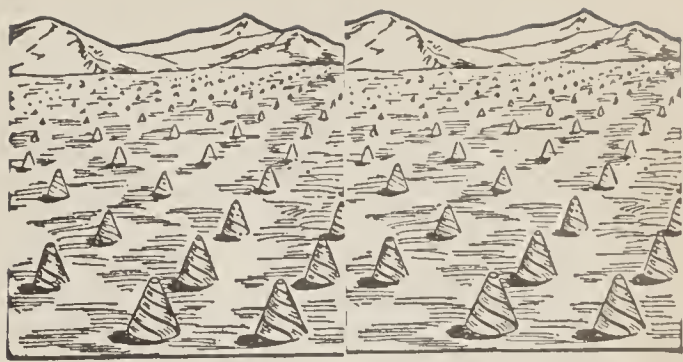






# SAGE HI-CAPS

GET CROPS TO MARKET  
**EARLIER!**



Here is What They Do--

Patented ventilated cone  
shaped plant cover

- Give hothouse advantages to  
field production.
- Guard the young plant against  
frost, wind, rain, insects and birds.
- Retain the moisture—prevent  
crusting
- Maintain a perfect mulch around  
the growing plant.

#### GROWTH VERY RAPID—

Growth is forced very rapidly from the start due to the even temperature and ideal growing conditions afforded by this plant cover. Moisture is retained, crusting prevented, and a perfect mulch maintained around each plant. With these advantages, a much larger and hardier plant is formed weeks earlier than normal. The first few weeks of plant life without proper protection are beset with peril—frost, hail, wind, rain, sometimes heat, cut worms, insects, birds, animals—all take their toll. The SAGE HI-CAP has been scientifically and practically designed against these evils and the assurance of a large and earlier crop makes the purchase and placing costs of these "individual hothouses" of minor importance.

#### Dickinson's Dog Food



Prince of Kegonsa.

Dickinson's Dog Food is a complete food in dry form, pressed in a small cube. It is not a biscuit or cracker, and it will keep indefinitely any place in the home. Only one-third as much food is required as of ordinary food because of its high feeding value. It is easy to feed, no mixing, cooking or dish washing required. Thirty years of practical experience and research work is back of this product. Contains meat, milk, eggs, cereals, green food, minerals in the necessary proportions, and Cod-liver Oil. Every ingredient is thoroughly wholesome, palatable, and digestible for dogs and pups.

The past two years I have been feeding this food to my Springer Spaniel, Prince of Kegonsa, and I highly recommend it. By mail, 2 lbs., 35c; 4 lbs., 60c. Not prepaid; 25 lbs., for \$1.50; 100 lbs., for \$5.50.

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5,000 to 9,000 Caps.....	10.35 per M
10,000 to 24,000 Caps.....	10.25 per M
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Aluminum Setter \$1.50 Each.

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